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Tr

NATIONAL AGRICULTURAL LIBRARY

January, 1963

JAN 17 1963

Seeds

FOR NURSERYMEN

SINCE 1876

ATTENTION

CHRISTMAS TREE GROWERS

We have good supplies of

Balsam Fir

Douglas Fir

Blue Spruce

Norway Spruce

Austrian Pine

French Scotch Pine

Red Pine

BICOLOR GRANDIFLORA PETUNIAS

Your best buy for 1963 — Our sales for 1962 show a definite trend to greater popularity. See Page 37 for a complete listing.

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HERBST BROTHERS

SEEDSMEN, INC.

678 Broadway, New York 12, N. Y.

Phone: GRamercy 7-7540 • Cable: Herbst, N. Y.

Area Code 212

Members:

AMERICAN ASSOCIATION OF NURSEYMEN
AMERICAN SEED TRADE ASSOCIATION
ILLINOIS STATE NURSEYMEN'S ASSOCIATION
EASTERN NEW YORK NURSERYMEN'S ASSOCIATION
CANADIAN ASSOCIATION OF NURSEYMEN
SOUTHERN SEEDSMEN'S ASSOCIATION
NEW YORK SEED ASSOCIATION

TERMS

This list cancels all previous offers and is subject to change without notice.

DISCLAIMER: Herbst Brothers Seedsmen, Inc., warrants to the extent of the purchase price that seeds or bulbs are as described on the container, within recognized tolerances. Seller gives no other or further warranty, express or implied.

PRICES are in U. S. A. dollars, ex. warehouse, New York for net weights. Packing is charged at cost and is not returnable. All shipments travel at customer's risk after delivery to carriers.

MINIMUM ORDERS: We cannot accept orders for less than the smallest quantity quoted. Prices are calculated for professional growers and minimum orders of \$10.00.

PAYMENT net cash 10 days after receipt of invoice. Overdue accounts will be charged 6% interest. New customers ordering \$25.00 or more may secure deliveries on open account after establishing credit. Others please remit for value of their purchases plus packing, insurance and parcel post charges.

SORRY NO C.O.D. SHIPMENTS.

COMPLAINTS on outward appearance and on the weight of the seed must be lodged within a week; those on the germination within a month; those on the trueness of the strain within 6 months; all to count from the day of arrival at the destination.

PRO RATA DELIVERIES will be made in case of crop failures or shortages.

FOREIGN ORDERS: Terms net cash against shipping documents in New York. Cost of documentation, consular forms and legalization for account of buyer. Minimum fee \$2.50 per order.

PHYTOSANITARY CERTIFICATES: Each \$2.50.

CLEAN SEED or seed free of pulp of the best possible purity and germination is offered throughout our catalog. Exceptions are designated as follows:

(DB) Dried Berries (DH) Hips (P) Pods

NOMENCLATURE for Tree and Shrub Seeds is "Standardized Plant Names" second edition of the American Joint Committee on Horticultural Nomenclature. Copies available at \$10.50 postpaid in U.S.A. and Canada.

ORIGIN of all seeds offered is available on request. Our aim is to carry seed from the best known sources. No attempt is therefore made to include proveniens in this list.

NATIONAL AGRICULTURAL LIBRARY
RECEIVED

JAN 17 1963

ZOYSIA

U. S. DEPARTMENT OF AGRICULTURE

JAPONICA

(Japanese Lawn Grass)

Tough and Wear-Resistant

Immune to Chinch Bugs

Requires Only Occasional Mowing

CROWDS OUT CRABGRASS

**HERBST BROTHERS
SEEDSMEN, INC.**

678 Broadway • New York 12, N. Y.

ZOYSIA JAPONICA

DESCRIPTION:

Zoysia japonica is a low-growing, sod forming perennial. Unmowed, it will grow to a maximum height of only about 9 inches. It has a broad, somewhat coarse leaf similar to Red Top.

Zoysia japonica will form a desirable, tough and cushiony sod in one to two years. By following a prescribed pre-germinating method mentioned under "Culture" it is possible to obtain a mature turf the first season. During the second year the plants develop runners up to two feet in length which take root and gradually spread over a large area.

Zoysia japonica seed is economical, especially when compared to plugs. One pound of seed covers 500-600 sq. feet. To cover the same area 500 plugs planted a foot apart would be required at a cost of about 5 times that of seed. Furthermore, seed spreads faster—one pound contains over 1,000,000 seeds or 2000 seeds per square foot as against only 4 or 5 plugs per square foot. Seeding is easy—there is no back-breaking digging and planting as with plugs.

ADAPTATION:

Zoysia japonica is the only variety of *Zoysia* which produces seed in commercial quantities. It is winter hardy and will grow in the North as well as in the South. In cool climates it has a tendency to lose its green color during the fall months, but being a perennial it will revive as soon as the warm weather returns. For those who object to this discoloration during the winter months, spraying with a plant coloring such as Stayz-Green at the rate of one pint for every 800 sq. feet is recommended. One application will give a green effect to *Zoysia japonica* until it turns green again in April.

Zoysia japonica is of great value for the following reasons:

- (1) It can withstand heat, long drought periods and extremely cold climates.
- (2) It can eliminate crabgrass by vigorous growth since it is most dominant during the crabgrass season.
- (3) It provides a dense, green, weed-free cover during the summer months when other grasses, such as Kentucky bluegrass, are dormant. It will hold its color into the late fall and, in the South, it will stay green even during the winter.
- (4) It can withstand heavy traffic because of its extraordinary healing qualities. It will grow even in eroded places such as gullies and terraces where not even weeds will root well. It grows in almost any soil—even subsoil.

(5) It is virtually free from diseases and rarely attacked by any known pests. It is immune to Chinch Bugs.

(6) Unlike other varieties, *Zoysia japonica* forms a loosely-knit sod and, in its early stages, it blends and lives in harmony with other grasses. It is also reasonably shade tolerant.

(7) On fairways and tees it provides the golfer with the densest weed-free turf possible all through the heaviest playing season when most other grasses are ragged. Even when it turns brown in the fall the golfer can make his shots from a dense turf. Overseeding with suitable cool-season grasses can provide year-round trouble-free green turf.

(8) It is a known fact that, in the early morning when most grasses hang heavy with dew, *Zoysia japonica* is almost completely free from dew.

(9) The turf can be mowed closely without injuring the grass.

CULTURE:

Seed planted during spring and summer will take approximately two months to germinate, unless pre-germinated as recommended below. Partial coverage from untreated seed may be expected the first year if planted not later than August 15 in the northern regions. Fall plantings will winter over and grow the following year. Overseeding on established turf or when planted as a component in a seedmixture will produce a solid stand of *Zoysia japonica* in about three years.

For quickest growth and complete coverage the first year the following simple pre-germination method is suggested. This will reduce the germination period to less than two weeks:

Mix seed with at least ten times the amount of Vermiculite, Perlite, sawdust or dry, clean sand.

Place in a flat, shallow pan so that the mixture is not over one inch deep. Soak but do not flood. Keep moist continually, wet down thoroughly at least once each day and stir once or twice daily.

Keep out in the hot sun. Leave it outdoors night and day for one week but protect against flood or wash-outs from rain. By this time the seed will begin to crack and is ready for planting.

Work into the seedbed several inches deep limestone to correct acidity, 10 pounds of 10-10-10 and 10 pounds of Ureaform to 1,000 sq. ft. Have seedbed moist and lightly grooved with rake.

Sow mixture uniformly, and roll lightly, keeping it continually moist the same as you would with any other lawn seed. Light mulching with straw is very helpful and is highly recommended. Do not remove straw but start mowing when there is enough grass to mow.

FERTILIZING:

Zoysia japonica does not require extensive or heavy fertilizing. A generous application of a good slow-release lawn fertilizer during the spring or early summer is most helpful. 3-5 pounds of actual nitrogen per 100 sq. feet per season usually is sufficient. Phosphorus and potash needs are low.

USES:

Zoysia japonica is an extremely hardy perennial turfgrass. It is persistent and will thrive in any kind of soil. It will make a beautiful lawn for the home and it is especially of great value for fairways, athletic fields, airports and playgrounds where a coarse and yet smooth sturdy turf is needed to withstand wear and tear of traffic.

The load-bearing capacity of *Zoysia japonica* is unparalleled by other grasses. Areas planted with this grass and driven over by a truck at a time when the soil was wet, barely showed the track on well-established sod.

The fact that this grass grows slowly and only to a height of about 9 inches also makes it of outstanding value for all large areas. Home lawns require mowing only a few times during the summer season. Fairways should be cut short and as often as necessary for good play.

Zoysia japonica in its early stages is quite tolerant of other grasses. Later on, however, it will choke off nearly all the other grasses as well as weeds so that eventually you will have a pure *Zoysia japonica* turf.

ZOYSIA JAPONICA MIXTURES:

An excellent plan for planting a new *Zoysia japonica* lawn or turf is to sow a mixture of grasses containing from 10 to 25% *Zoysia japonica* seed. Our Merion-Zoysia Mixture which contains 25% *Zoysia japonica* has given excellent results over the years. After two years the *Zoysia japonica* starts to take over entirely.

Our Terrace Mixture with 10% *Zoysia japonica* is ideal for terraces, slopes and sandy soils and can also be used for overseeding existing turf. By the end of the third year *Zoysia japonica* coverage will be practically complete.

USE CATALOG AS ORDER BLANK

WILL BE RETURNED ON REQUEST

JUST CIRCLE YOUR NEEDS

CARNATION

Grenadin

		Oz.	Lb.
Black King	1/4 oz.	x.xx	xx.xx
Cardinal Red	1/4 oz.	x.xx	xx.xx

For other quantities mark thus:

SALVIA

St. John's Fire Imported	2 lbs.	1/4 oz.	x.xx	xx.xx
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Your Name and Address:

(Please print)	NAME	(Please print)
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Street or R. F. D. and P. O. Box

City	Zone	State
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WANT THIS CATALOG REGULARLY?

Check here ☐

PETUNIA All dbl Victorious ATTRACTION

plants only 9" tall useful in any garden, Red and white blooms go well with Big Red, Lotus White or Imperial Pink

only \$8.00 per 1/64 oz.

See Page 39 for other dbl Petunias

Palm Seed

	1000 seeds	¼ lb.	lb.
ACTINOPHLOEUS			
macarthuri MacArthur Clusterpalm	15.00	.....	.....
ARCHONTOPHOENIX			
cunninghamiana Piccabeen Kingpalm (DB)	1.30	3.30	
BUTIA			
capitata Brazilian Butiapalm	4.75	.....	.....
CHAMAEROPS			
humilis Mediterraneanpalm			2.25
canariensis Canary M	3.00	.....	.....
macrocarpa	3.00	.....	.....
CHRYSALIDOCARPUS			
lutescens Yellow Butterflypalm	10.00	.....	.....
COCOS -see ARECASTRUM & BUTIA			
CYCAS see Tree & Shrub			
DICTYOSPERMA			
album White Princesspalm	13.00	.....	.....
ERYTHEA			
armata Blue Erythea	9.00	.....	.....
edulis Guadalupe Erythea	5.00	.....	.....
HETEROSPATHE			
elata Sagisipalm	22.00	.....	.....
JUBAEA			
spectabilis Syrup Jubaea	8.00	.....	.....
KENTIA			
forsteriana Forster Sentrypalm	5.50	.....	.....
LIVISTONA			
australis Australian Fanpalm	1.90	4.75	
chinensis Chinese Fanpalm	2.10	5.25	
PHOENIX			
canariensis Canary Date	1.00	2.50	
dactylifera Date		2.20	
humilis loureiri Roebelen Date	7.50	.....	.....
reclinata Senegal Date	5.50	.....	.....
sylvestris Sugar Date	2.25	.....	.....
RHOPALOSTYLIS			
sapida Nikau Rhopalostylis (DB)	3.20	8.00	
ROYSTONEA			
regia Cuban Royalpalm	1.15	2.80	
THRINAX			
parviflora Jamaica Thatchpalm	14.00	.....	.....
TRACHYCARPUS			
fortunei Fortunes Windmillpalm ..		2.10	
martianus Martius W	1.40	3.50	
WASHINGTONIA			
filifera California Washingtonpalm	1.00	2.50	
robusta Mexican W	1.25	3.10	

Tree and Shrub Seeds

ABIES

	<u>¼ lb.</u>	<u>Lb.</u>
alba Silver Fir	1.00	2.50
amabilis Cascades F (Wash)	1.80	4.50
balsamea Balsam F	1.80	4.50
concolor White F (Colo)	2.60	6.50
lowiana Pacific W F	3.00	7.50
homolepis Nikko F	2.10	5.25
lasiocarpa Alpine F	2.40	6.00
magnifica Red F	3.30	8.25
nobilis see procera		
nordmanniana Nordmann F	1.60	4.00
pectinata—See alba		
pinsapo Spanish Fir	1.60	4.00
glauca Blue S F	1.70	4.25
procera Noble F	2.40	6.00
veitchi Veitch F	1.90	4.75

ACACIA

armata Kangaroo-thorn Acacia ..oz. 2.75 .....	.....	.....
baileyana Cootamundra-wattle A	1.50	3.75
confusa	1.80	4.50
cultriformis Knife A	4.40	11.00
cyanophylla Blueleaf A	1.20	3.00
decora Graceful Wattle A	4.80	12.00
decurrens Greenwattle A	1.45	3.60
mollis Blackgreen-wattle A	1.70	4.25
elata Cedar A	7.20	18.00
farnesiana Sweet A	1.40	3.50
latifolia Broadleaf A	2.30	5.75
longifolia Sydney A	1.75	4.40
melanoxylon Blackwood A	1.50	3.70
pendula Weeping Boree A	12.00	30.00
podalyriaefolia Pearl A	4.40	11.00
pravissima Ovens A	10.00	25.00
pycnantha Goldenwattle A	1.45	3.60
retinodes Wirilda A	12.00	30.00
floribunda Showy W A	1.60	4.00
saligna Goldwreath A .....	.....	2.00
spectabilis Mudgee A	5.60	14.00

ACER

ginnala Amur Maple	1.30	3.25
palmatum Japanese M small-seeded	2.00	4.95
atropurpureum Bloodleaf J M	3.40	8.50
dissectum Threadleaf Red J M	8.80	22.00
platanoides Norway M .....	.....	1.70
schwedleri Schwedler M .....	.....	2.40
rubrum Red M—Crop May 1963	1.00	2.50
saccharinum Silver M—Crop May 1963		1.50

AILANTHUS

altissima (glandulosa) Tree of Heaven		1.15
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6 TREE AND SHRUB SEEDS

ALBIZZIA	$\frac{1}{4}$ lb.	Lb.
falcata	3.45	8.60
julibrissin Silktree Albizzia		1.50
lophantha Plume A	1.15	2.85
ALNUS		
glutinosa European Alder		2.40
incana Speckled A	1.00	2.60
AMORPHA		
fruticosa Indigobush Amorpha (P)		1.55
AMPELOPSIS see Parthenocissus		
ARALIA		
elata Japanese Aralia	2.30	5.75
ARBUTUS		
menziesi Pacific Madrone (DB)	1.70	4.25
unedo Strawberry M	4.80	12.00
ARCTOSTAPHYLOS		
uva-ursi Bearberry	4.40	11.00
ARDISIA		
crenulata Coral Ardisia	2.90	7.25
ARISTOLOCHIA		
durior (sipho) Common Dutchmanspipe	8.00	20.00
tomentosa	2.80	7.00
ASIMINA		
triloba Common Pawpaw	1.15	2.80
AUCUBA		
japonica Japanese Aucuba (DB)	1.00	2.50
variegata (DB)	1.25	3.10
AZALEA		
arborescens Sweet Azalea $\frac{1}{4}$ oz.	2.50	
calendulacea Flame A $\frac{1}{4}$ oz.	2.25	
roseum $\frac{1}{4}$ oz.	2.75	
Exbury type hybrids		
mixed colors $\frac{1}{32}$ oz.	2.25	
hinodegiri Garden Azalea $\frac{1}{4}$ oz.	3.75	
Hunnywell mollis x japonica		
yellow salmon $\frac{1}{8}$ oz.	2.60	
hybrids yellow lg fl $\frac{1}{8}$ oz.	2.00	
hybrids yellow small fl $\frac{1}{8}$ oz.	2.20	
japonica Japanese A $\frac{1}{8}$ oz.	1.50	
kaempferi hybrids (kaempferi		
x malvatica) $\frac{1}{8}$ oz.	3.50	
mollis Chinese A $\frac{1}{2}$ oz.	3.00	
mucronulatum $\frac{1}{8}$ oz.	2.50	
obtusa japonica Kurume A ... $\frac{1}{16}$ oz.	2.50	
kaempferi Torch A $\frac{1}{8}$ oz.	2.30	
schlippenbachii $\frac{1}{8}$ oz.	2.00	
vaseyi Pinkshell A $\frac{1}{8}$ oz.	1.50	

BERBERIS

Barberry seed is not for sale to States within the Black Stem Rust eradication program, namely, *Colorado, Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Montana, Nebraska, N. Dakota, Ohio, Pennsylvania, S. Dakota, Virginia, Washington, West Virginia, Wisconsin and Wyoming.*

	$\frac{1}{4}$ lb.	Lb.
thunbergi Japanese Barberry	1.90	4.75
atropurpurea Redleaf J B	6.00	15.00

BETULA (All Recleaned) $\frac{1}{4}$ lb. Lb.

alba—See pendula		
lutea Yellow Birch	10.00	25.00
papyrifera Paper B	8.00	20.00
pendula European White B	1.10	2.75

BIGNONIA—See Campsis

BOSTON IVY—See Parthenocissus

BUXUS

sempervirens Common Boxwood	1.55	3.85
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CALLITRIS

calcarata	2.00	5.00
robusta Sturdy Cypresspine	1.80	4.50

CALYCANTHUS

floridus Common Sweetshrub	1.20	3.00
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CAMELLIA

japonica Common Camellia	1.10	2.75
sasanqua Sasanqua C	1.25	3.10
sinensis Common Tea		1.80

CAMPSIS

radicans Common Trumpet creeper	1.30	3.25
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CARAGANA

arborescens Siberian Peashrub		2.00
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CARPINUS

betulus European Hornbeam		1.75
caroliniana American H (Wings)	1.50	3.75

CASSIA

artemisioides Wormwood Senna	6.00	15.00
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CASUARINA

cunninghamiana Cunningham Beef-wood	1.75	4.35
equisetifolia Horsetail B	4.40	11.00
glauca	3.60	9.00
stricta Coast B	4.40	11.00
suberosa Erect B	3.20	8.00

CATALPA

bignonioides Southern Catalpa .....	.....	1.75
speciosa Northern C	1.60	4.00

8 TREE AND SHRUB SEEDS

CEDRUS	$\frac{1}{4}$ lb.	Lb.
atlantica Atlas Cedar	2.20	5.50
argentea Silver Atlas C	2.15	5.35
glauca Blue A C	2.50	6.25
deodara Deodar C	1.90	4.70
libani Cedar-of-Lebanon	2.50	6.25

CELASTRUS		
orbiculata Oriental Bittersweet	1.40	3.45
scandens American B	2.50	6.25

CELTIS		
occidentalis Common Hackberry	1.55	3.85

CEPHALOTAXUS		
fortunei Chinese Plumyew		2.40

CERATONIA		
siliqua Carob		1.65

CERCIDIPHYLLUM		
japonicum Katsuratree	3.60	9.00

CERCIS		
canadensis Eastern Redbud	1.30	3.25
chinensis Chinese R	2.15	5.35
siliquastrum Judastree		1.65
alba White J	1.15	2.90

CHAENOMELES		
lagenaria pygmaea Dwarf Floweringquince	2.80	7.00

CHAMAECYPARIS		
lawsoniana Lawson Falsecypress	1.35	3.40
allumni Scarab L F	2.60	6.50
argentea Silver L F	2.55	6.40
pendula glauca	1.85	4.65
pyramidalis Sentry L F	1.50	3.75
obtusa Hinoki F	1.60	3.95
pisifera Sawara F	2.80	7.00

CHIMONANTHUS		
praecox Wintersweet	1.75	4.40

CITRUS		
trifoliata—See Poncirus		

CLEMATIS		
flammula Plume Clematis .....oz. 2.00		
paniculata Sweet Autumn C	1.90	4.80
recta Ground C .....oz. 1.25		
tangutica Golden C	7.20	18.00
vitalba Travelersjoy	1.15	2.85
viticella Italian C	1.15	2.85

CORDYLINE		
australis Giant Dracena hulled	2.20	5.50
indivisa Blue D hulled	2.60	6.50

CORNUS

	$\frac{1}{4}$ lb.	Lb.
<i>alba</i> Tatarian Dogwood	2.00	5.00
<i>sibirica</i> Siberian D	2.40	6.00
<i>amomum</i> Silky D	1.45	3.60
<i>capitata</i> Evergreen D		2.30
<i>florida</i> Flowering D	1.55	3.85
<i>kousa</i> Kousa D	1.90	4.75
<i>mas</i> Corneliancherry D		2.25
<i>nuttalli</i> Pacific D (DB)	2.30	5.75
<i>officinalis</i> Japanesecornel D	1.70	4.25
<i>racemosa</i> (paniculata) Gray D	1.40	3.45
<i>sanguinea</i> Bloodtwig D		1.70
<i>stolonifera</i> Redoiser D	1.90	4.75

CORYLUS

<i>americana</i> American Filbert		2.25
<i>avellana</i> European F		1.70

COTONEASTER

<i>acutifolia</i> Peking Cotoneaster	4.80	12.00
<i>divaricata</i> Spreading C	3.20	8.00
<i>francheti</i> Franchet C	3.90	9.75
<i>horizontalis</i> Rock C	1.90	4.75
<i>multiflora</i>	4.80	12.00
<i>pannosa</i> Silverleaf C	2.80	7.00

CRATAEGUS

<i>calpodendron</i> Pear Hawthorn	2.00	5.00
<i>coccinea</i> —See <i>intricata</i>		
<i>crusgalli</i> Cockspur H		2.25
<i>intricata</i> Thicket H	1.40	3.50
<i>mollis</i> Downy H	1.00	2.50
<i>monogyna</i> Singleseed H		1.70
<i>oxyacantha</i> English H		1.90

CRYPTOMERIA

<i>japonica</i> Common Cryptomeria	1.50	3.70
<i>lobbi</i> Lobb C	2.10	5.30

CUNNINGHAMIA

<i>lanceolata</i> Common Chinafir	2.40	6.00
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CUPANIA

<i>anacardioides</i>1000 seeds	7.50	
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CUPRESSUS

<i>arizonica</i> Arizona Cypress	1.95	4.90
<i>funnebris</i> Mourning C	1.90	4.75
<i>goveniana</i> Gowen C	1.50	3.70
<i>lusitanica</i> Mexican C	1.30	3.25
<i>macrocarpa</i> Monterey C	2.10	5.25
<i>sempervirens</i> Italian C	1.00	2.45
<i>horizontalis</i> Spreading I C		2.10
<i>stricta</i> Pyramidal I C		1.85

CYCAS

<i>revoluta</i> Sago Cycas1000 seeds	40.00	
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10 TREE AND SHRUB SEEDS

CYDONIA—See Chaenomeles

¼ lb. Lb.

CYTISUS

scoparius Scotch Broom 1.95

DANAE

racemosa Alexandrial laurel (DB) 1.60 4.00

DAPHNE

laureola Spurgelaurel Daphne 3.20 8.00

mezereum February D 1.65 4.10

DAVIDIA

involucrata Dovetree 6.80 17.00

DELONIX

regia Flamboyant tree 1.00 2.65

DIOSPYROS

kaki, Kaki Persimmon 2.10

lotus Dateplum P 1.85

virginiana Common P 1.80

DRACAENA—Also see Cordyline

draco Dragon Dracaena 2.60 6.50

indivisa—See Cordyline

DURANTA

repens Creeping Skyflower 1.60 4.00

EDGEWORTHIA

tomentosa (papyrifera) Oriental

Paperbush 1.90 4.70

ELAEAGNUS

angustifolia Russianolive 2.00

commutata (argentea) Silverberry 1.10 2.70

umbellata Autumn Elaeagnus 1.85 4.65

EMPETRUM

nigrum Black Crowberry—very dwarf

shrub for Rock Gardens ⅛ oz. 2.50

ENKIANTHUS

campanulatus

Redvein Enkianthus ½ oz. 2.00

ERIOBOTRYA

japonica Loquat—Next crop May 1963 1.40 3.50

EUCALYPTUS

agglomerata Gray Stringybark E oz. 1.75

alba Poplar E 4.40 11.00

albens Whitebox E oz. 1.75

angulosa Anglepod Mallee E oz. 2.50

astringens Alum E oz. 4.00

Blakelyi oz. 1.75

bosistoana Bosisto Graybox E 6.00 15.00

botryoides Bangalay E 3.90 9.75

camaldulensis Longbeak E 1.70 4.25

cinerea Mealy S E 2.10 5.25

citriodora Lemon E 4.40 11.00

TREE AND SHRUB SEEDS 11

EUCALYPTUS—Continued

$\frac{1}{4}$ lb. Lb.

cornuta Yate E	1.80	4.45
crebra Narrowleaf		
Ironbark E .....oz. 3.00		
dealbata Tumbledown E .....oz. 1.75		
deanei Deane E .....oz. 2.25		
diversicolor Karri E	2.70	6.70
dives Broadleaf		
Peppermint E $\frac{1}{2}$ oz. 2.00		
ficifolia Scarlet E	10.00	25.00
gigantea Delegate E	20.00	50.00
globulus Tasmanian Blue E	2.80	7.00
gomphocephala Tuart E	3.20	8.00
grandis Toolur E	16.00	40.00
gunni Cider E	2.00	5.00
hemiphloia Graybox E .....oz. 1.75		
lehmanni Lehmann E	1.90	4.75
longifolia Longleaf Woollybutt E	6.00	15.00
macarthuri MacArthur E	2.40	6.00
maculata Spotted E	4.80	12.00
maculosa Spotted Brittle E .....oz. 1.75		
maideni Maidens E	14.00	35.00
melliodora Yellowbox E	1.80	4.50
microcorys Tallowwood E	1.90	4.75
multiflora Beakpod E	3.60	9.00
obliqua Messmate Stringybark E	3.20	8.00
paniculata Gray Ironbark E	2.40	6.00
pauciflora Snow E .....oz. 2.00		
pilularis Blackbutt E	1.70	4.20
piperita Sydney Peppermint E ....oz. 1.75		
polyanthemos Silver Dollar	5.60	14.00
pulverulenta Spiral E	26.00	65.00
punctata Leatherjack E	2.80	7.00
radiata Gray Peppermint E	2.10	5.20
regnans Giant E	20.00	50.00
robusta—See multiflora		
resinifera Kino E	2.10	5.25
rostrata—See camaldulensis		
rubida Candlebark E	2.40	6.00
rudis Moitch E	6.00	15.00
salicifolia Willowleaf E .....oz. 4.00		
saligna Sydney Blue E	3.60	9.00
salmonophloia Salmonbark E	2.40	6.00
salubris Gimlet E	2.20	5.50
sideroxylon Mulga Ironbark E	2.40	6.00
rosea Rose Ironbark E .....oz. 1.50		
sieberiana Sieber E	2.40	6.00
Silver Dollar (E polyanthemos)		
smithi Smith E	2.80	7.00
stuartiana Butbut E .....oz. 1.75		
tereticornis—See umbellata		
umbellata Horncap E	4.40	11.00

12 TREE AND SHRUB SEEDS

	<u>¼ lb.</u>	<u>Lb.</u>
EUONYMUS		
alatus Winged Euonymus	1.60	3.95
atropurpureus Eastern Wahoo (DB) ...	1.50	3.75
europaeus European E	1.25	3.10
fortunei radicans Common Winter-creeper E	1.85	4.65
japonicus Evergreen E	1.40	3.45
latifolius Broadleaf E	1.40	3.50
yedoensis Yeddo E	2.40	6.00
EUPTELEA		
polyandra Japanese Euptelea	2.30	5.75
EURYA		
japonica	2.80	7.00
EXOCHORDA		
racemosa (grandiflora) Common Pearl-bush	1.65	4.10
FAGUS No Crop		
FEIJOA		
sellowiana Feijoa 1000 seeds	4.00	.....
FIRMIANA		
simplex Chinese Parasol-tree	1.10	2.75
FRAXINUS		
americana White Ash .....	.....	1.50
velutina Velvet A	1.50	3.75
GARDENIA		
jasminoides Cape-Jasmine	3.20	8.00
GENISTA		
aethnensis Aetna Woadwaxen	1.70	4.25
germanica German W	4.60	11.50
GINKGO		
biloba Ginkgo	1.00	2.55
GLEDITSIA		
triacanthos Common Honeylocust .....	.....	1.25
inermis Thornless H .....	.....	1.75
GREVILLEA —See Flower Seed Section		
CYMNOCCLUS		
dioicus Kentucky Coffeetree .....	.....	1.00
HALESIA		
carolina (tetraptera) Carolina Silverbell	1.30	3.25
monticola Mountain S	1.25	3.10
HAMAMELIS		
japonica Japanese Witchhazel	1.95	4.90
mollis Chinese W	2.80	7.00
vernalis Vernal W	6.40	16.00

TREE AND SHRUB SEEDS 13

HEDERA	¼ lb.	Lb.
helix English Ivy .....	.....	1.90
HELLEBORUS —See Flower Seed Section		
HIBISCUS —See also Flower Seed Section		
syriacus Shrubalthea .....	.....	1.80
HIPPOPHAE		
rhamnoides Common Seabuckthorn	1.00	2.50
HOLODISCUS		
discolor Creambush Rockspirea	3.70	9.25
HOVENIA		
dulcis Japanese Raisintree	1.20	3.00
HYDRANGEA		
paniculata Panicle Hydrangea	3.00	7.50
ILEX		
aquifolium English Holly	1.30	3.25
cornuta Chinese H	2.50	6.25
crenata Japanese H	1.40	3.50
glabra Inkberry (DB) .....	.....	2.25
latifolia Lusterleaf H	2.20	5.50
opaca American H	2.05	5.10
verticillata Common Winterberry	3.80	9.50
JACARANDA		
acutifolia (ovalifolia) Sharpleaf		
Jacaranda	oz. 2.50	.....
JUNIPERUS		
californica Calif Juniper	3.70	9.25
chinensis Pyramid Chinese J	1.85	4.60
sargentii Sargent C J	4.80	12.00
communis Common J .....	.....	1.90
scopulorum Rocky Mountain J	1.90	4.75
virginiana Eastern Redcedar	1.90	4.75
Platte River E R	2.00	5.00
Southern E R	1.80	4.50
KALMIA		
latifolia Mountainlaurel	oz. 2.25	.....
KERRIA		
japonica Japanese Kerria	1.70	4.25
KOELREUTERIA		
bipinnata Bougainvillea Goldraintree	2.00	5.10
paniculata Panicked G	1.25	3.10
KUDZU VINE		
See Pueraria, Flower Seed Section .....	.....	.....
LABURNUM		
alpinum Scotch Laburnum	1.25	3.10
anagyroides (vulgar) Goldenchain L	1.50	3.75

14 TREE AND SHRUB SEEDS

		$\frac{1}{4}$ lb.	Lb.
LARIX			
decidua European Larch	2.40	6.00	
LAURUS			
nobilis Grecian Laurel (DB)	1.40		
LESPEDEZA —See GRASS and Lawn Seeds			
LEUCOTHOE			
catesbaei Drooping			
Leucothoe	$\frac{1}{8}$ oz.	3.00	
LIBOCEDRUS			
decurrens California Incensecedar	1.25	3.10	
LIGUSTRUM			
amurense, Amur Privet (DB)	1.95		
japonicum Japanese P	3.20	8.00	
lucidum Glossy P (DB)	1.40	3.50	
LIQUIDAMBAR			
formosana Formosa Sweetgum	5.60	14.00	
styraciflua American S	2.80	7.00	
LIRIODENDRON			
tulipifera Tuliptree	1.75		
LONICERA			
japonica Japanese Honeysuckle	2.50	6.25	
tatarica Tatarian H	2.10	5.25	
MACLURA			
pomifera Osageorange	2.25		
MAGNOLIA			
grandiflora Southern Magnolia	1.15	2.85	
kobus Domestic seed	2.80	7.00	
obovata Whiteleaf Japanese M	1.70	4.30	
MALUS			
Domestic Apple	1.00	2.50	
sylvestris French Crabapple	1.10	2.75	
MELALEUCA			
leucadendron Cajeputtree	6.00	15.00	
MELIA			
azedarach Chinaberry	1.10	2.75	
MERATIA			
praecox—See Chimomanthus			
MYRICA			
pensylvanica (caroliniensis)			
Northern Bayberry	1.10	2.75	
MYRTUS			
communis True Myrtle	3.80	9.50	

TREE AND SHRUB SEEDS 15

		$\frac{1}{4}$ lb.	Lb.
NANDINA			
domestica	Red-berried Nandina	1.70	4.25
NYSSA			
aquatica	Water Tupelo	2.80	7.00
sylvatica	Black T	1.80	4.50
OLEA			
europaea	Common Olive		1.25
OSMANTHUS			
ilicifolius	Holly Osmanthus	3.30	8.25
OSTYRA			
carpinifolia	European Hophornbeam	1.80	4.50
OXYDENDRUM			
arboreum	Sourwood .....oz.	1.60	.....
PAEONIA			
suffruticosa	Tree Peony	6.00	15.00
PARKINSONIA			
aculeata	Jerusalemthorn	1.40	3.50
PARTHENOCISSUS			
quinquefolia	Virginia Creeper		2.25
tricuspidata	veitchi Veitch Japanese C ..	1.25	3.10
PAULOWNIA			
tomentosa	Royal Paulownia		2.25
PHELLODENDRON			
amurense	Amur Corktree	1.70	4.25
PHILADELPHUS			
coronarius	Sweet Mockorange	1.80	4.50
PHILLYREA			
angustifolia	Narrowleaf Phillyrea	1.80	4.50
PHOTINIA			
arbutifolia	Christmasberry (DB)	1.50	3.75
serrulata	Chinese Photinia (DB)	1.55	3.85
villosa	Oriental P	2.10	5.25
PICEA			
abies	Norway Spruce Central European	1.90	4.75
abies	Adirondack Mt	3.20	8.00
breweriana,	Brewer S .....oz.	5.00	.....
canadensis—	See glauca		
engelmanni	Engelmann S	5.20	13.00
excelsa—	See abies		
glauca	Adirondack Mt	6.40	16.00
densata	Black Hills W S	6.00	15.00
jezoensis	hondoensis Hondo Yeddo S	4.80	12.00
mariana	Black S	10.00	25.00
omorika	Serbian S	18.00	45.00
pungens	glauca Colorado Blue S	6.40	16.00
rubens	Adirondack Mt	7.20	18.00
sitchensis	Sitka S	4.80	12.00

16 TREE AND SHRUB SEEDS

PIERIS

	$\frac{1}{4}$ lb.	Lb.
floribunda Mountain Pieris .....oz. 3.25		
japonica Japanese P .....oz. 2.50		

PINUS

armandi Armand Pine	3.20	8.00
attenuata Knobcone P	6.00	15.00
banksiana Adirondack Mt	4.00	10.00
canariensis Canary P	2.35	5.90
caribaea Slash P	3.60	9.00
cembra Swiss Stone P .....	.....	1.85
cembroides edulis Colorado Pinyon P	2.30	5.75
contorta Shore P	4.80	12.00
murrayana (Cascade Range)	5.10	12.75
coulteri Coulter P	4.40	11.00
densiflora Japanese Red P	1.95	4.85
echinata Shortleaf P	4.00	10.00
edulis—See cembroides edulis		
elliotti Florida Slash P	3.80	9.50
flexilis Limber P	2.70	6.75
formosana Formosa P	4.80	12.00
griffithi Himalayan P	1.90	4.75
halepensis Aleppo P .....	.....	2.35
insignis—See radiata		
koraiensis Korean P	1.40	3.50
lambertiana Sugar Pine	2.60	6.50
massoniana Masson P	3.20	8.00
monticola Western White P	2.90	7.25
mugo mughus true dwarf Tyrolean	2.90	7.25
nigra Austrian P	1.30	3.25
poiretiana Corsican P	4.40	11.00
oocarpa	6.40	16.00
palustris Longleaf P	1.80	4.50
parviflora Japanese White P	2.20	5.50
peuce Balkan P	4.80	12.00
pinaster Cluster P .....	.....	1.40
pinea Italian Stone P .....	.....	1.85
ponderosa Western Yellow P (BC)	2.40	6.00
ponderosa (Colo)	2.20	5.50
ponderosa (Wash)	2.50	6.25
radiata Monterey P	2.10	5.25
resinosa Red or Norway P	2.80	7.00
resinosa Adirondack Mt	3.20	8.00
rigida Adirondack Mt Pitch P	3.20	8.00
sabiniana Digger P	1.30	3.25
strobilus Adirondack Mt	2.60	6.50
sylvestris Scotch P	2.00	5.00
sylvestris Adirondack Mt	4.80	12.00
sylvestris French D'Auvergne-elev		
2700/3600 ft	2.50	6.25
sylvestris German	2.70	6.75
sylvestris Spanish Burgos 3/5000 ft		no-crop
sylvestris Spanish Sierra		
Guadarrama 3/4000 ft		no crop
taeda Loblolly P	3.80	9.50
thunbergi Japanese Black P	1.80	4.50
torreyana Torrey P	5.60	14.00

PISTACIA

chinensis Chinese Pistache	2.75	6.85
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PITTOSPORUM

crassifolium Karo Pittosporum	3.20	8.00
tobira Tobira P	1.40	3.50

TREE AND SHRUB SEEDS 17

PLATANUS	$\frac{1}{4}$ lb.	Lb.
acerifolia London Planetree	1.60	4.00
occidentalis American P .....	.....	1.45
orientalis Oriental P		1.40

PLUMBAGO

capensis Cape Plumbago	1000 seeds 4.25	
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PODOCARPUS

macrophyllus Yew Podocarpus	2.10	5.25
nagi Japanese P	1.65	4.10

POINCIANA

gilliesi Paradise Poinciana	2.10	5.25
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PONCIRUS

trifoliata Trifoliate orange		1.85
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PRUNUS

americana American Plum		1.50
anzu Japanese Apricot		1.50
avium Mazzard Cherry		1.75
mume Japanese Apricot .....	.....	2.35
salicina Japanese Plum .....	.....	1.55
serotina Black C .....	.....	1.75
subhirtella pendula Weeping H C	1.70	4.25
yedoensis Yoshima C	1.30	3.25

PSEUDOLARIX

amabilis (kaempferi) Lovely Golden-larch	1.95	4.85
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PSEUDOTSUGA

taxifolia caesia Gray Douglasfir (BC)	5.60	14.00
glauca Blue Douglasfir (Col)	6.40	16.00
viridis Green Douglasfir (Wash)		
Low elev	6.40	16.00
High elev	7.20	18.00

PTELEA

trifoliata Common Hoptree (Winged) ..		1.75
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PTEROCARYA

stenoptera Chinese Wingnut	1.40	3.50
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PUERARIA—See Flower Seed Section

PYRACANTHA

angustifolia Narrowleaf Firethorn	1.60	4.00
coccinea Scarlet F	1.10	2.70
lalandi Leland F	1.75	4.35

18 TREE AND SHRUB SEEDS

PYRUS	$\frac{1}{4}$ lb.	Lb.
communis domestic Bartlett Pear	1.60	4.00
communis imported French	2.40	6.00
ussuriensis Ussurian P	3.60	9.00

RAPHIOLEPIS		
indica	1.95	4.90
umbellata Yeddo Raphiolepis	2.30	5.75

RHAMNUS		
alaternus Italian Buckthorn (DB)	1.10	2.75
cathartica Common B	1.25	3.10
davurica Dahurian B	3.60	9.00
frangula Glossy B	2.10	5.25

RHODODENDRON		
arboreum Tree		
Rhododendron	oz. 1.25	.....
carolinianum Carolina A	$\frac{1}{8}$ oz. 2.25	.....
catawbiense Catawba R	$\frac{1}{4}$ oz. 3.00	.....
compactum Kelsey C R	$\frac{1}{4}$ oz. 2.50	.....
farquhar hybrids	$\frac{1}{16}$ oz. 2.00	.....
hybrids from Red Parents	$\frac{1}{8}$ oz. 2.10	.....
maximum Rosebay R	$\frac{1}{4}$ oz. 1.85	.....
smirnowi	$\frac{1}{4}$ oz. 2.00	.....
Virgin hardy white	$\frac{1}{8}$ oz. 2.25	.....

RHODOTYPOS		
scandens (kerrioides) Black Jethead	1.80	4.50

RHUS		
aromatica Fragrant Sumac	1.35	3.40
copallina Flameleaf S	1.25	3.15
cotinus—See Cotinus coggygia		
glabra Smooth S	1.30	3.25
typhina Staghorn S .....	.....	2.10

ROBINIA		
pseudoacacia Black Locust .....	.....	1.25

ROSA		
multiflora Japanese Rose thornless	1.80	4.50
multiflora J R thorny	1.00	2.50
polyantha nana mixed ....1000 seeds	3.50	.....
rugosa Rugosa R	1.40	3.45
setigera Prairie R (DH)	1.40	3.50
wichuraiana Wichura R	1.40	3.45

SCHEFFLERA		
actinophylla	1000 seeds 1.75	.....

SCHINUS		
molle Calif Peppertree	1.15	2.85
terebinthifolia Brazil P	1.10	2.75

SEQUOIA		
gigantea Giant Sequoia	5.60	14.00
sempervirens Redwood	4.80	12.00

TREE AND SHRUB SEEDS 19

	<u>¼ lb.</u>	<u>Lb.</u>
SKIMMIA		
japonica Japanese Skimmia	2.10	5.25
SMILAX		
rotundifolia Common Greenbrier (DB) ..	.....	2.10
SOPHORA		
japonica Japanese Pagodatree .....	.....	1.55
pendula Weeping J P .....	.....	1.85
SORBUS		
americana American Mountainash (DB)	1.40	3.45
aria Whitebeam M	3.20	8.00
aucuparia European M	2.50	8.00
scopolina Greenes M (DB)	1.70	4.20
SPARTIUM		
junceum Weaversbroom .....	.....	1.85
STERCULIA platanifolia—See Firmiana		
STRELITZIA —See Flower-seed-section		
STYRAX		
japonica Japanese Snowbell	1.25	3.10
SYMPHORICARPOS		
orbiculatus (vulgaris) Indiancurrant		
Coralberry (DB)	1.50	3.75
SYRINGA		
amurensis japonica Japanese Tree		
Lilac	7.20	18.00
villosa Late L	6.00	15.00
vulgaris Common L	1.80	4.50
TAMARIX		
gallica French Tamarisk	1.30	3.25
TAXODIUM		
distichum Common Baldcypress .....	.....	2.25
mucronatum Montezuma B	1.80	4.50
TAXUS		
baccata English Yew	1.10	2.70
pyramidalis Broom Y	2.35	5.80
cuspidata Japanese Y	1.50	3.75
cuspidata capitata	1.50	3.75
TECTONA		
grandis Common Teak	1.50	3.75
TERNSTROEMIA		
gymnanthera (japonica)	3.10	7.75
THEA sinensis—See Camellia sinensis		
THUJA		
occidentalis Eastern Arborvitae	2.80	7.00
occidentalis Adirondack Mt	3.20	8.00
pyramidalis Pyramidal E A	3.60	9.00
orientalis Oriental A .....	.....	1.95
aurea Golden O A	1.55	3.90
compacta Dwarf O A	1.30	3.20
elegantissima	1.55	3.85
pyramidalis Pyramidal O A	1.35	3.40
plicata Giant A	4.00	10.00

20 TREE AND SHRUB SEEDS

TILIA	$\frac{1}{4}$ lb.	Lb.
americana American Linden		1.85
cordata Littleleaf L		2.10
europaea European L		1.85
platyphyllos Bigleaf L	1.35	3.40
tomentosa Silver L		1.85

TORREYA		
nucifera Japanese Torreya	1.15	2.90

TRISTANIA		
conferta Brisbanebox T	oz 1.75	.....

TSUGA		
diversifolia Japanese H	4.40	11.00

ULEX		
europaeus Common Gorse	1.00	2.50

ULMUS		
americana American Elm—Crop		
May 1963 .....	.....	1.50
pumila Siberian E dewinged — next		
crop May 1963	1.80	4.50

UMBELLULARIA		
californica Calif Laurel	2.10	5.25

VIBURNUM		
americanum—See trilobum		
dentatum Arrowwood V	2.20	5.50
dilatatum Linden V	1.55	3.85
lantana Wayfaringtree V .....	.....	2.35
lentago Nannyberry V	1.70	4.25
odoratissimum Sweet V	1.90	4.70
opulus European Cranberrybush V	1.40	3.50
prunifolium Blackhaw V	1.80	4.50
sieboldi	2.60	6.50
tinus Laurustinus V	1.40	3.45
tomentosum Doublefile V	1.70	4.25
trilobum American C V	2.80	7.00
wrighti Wright V	2.70	6.75

VITEX		
agnuscastus Chastetree .....	.....	2.40

WISTARIA		
floribunda alba White Japanese Wistaria	1.70	4.25
floribunda macrobotrys Longcluster		
Japanese W	1.85	4.60
frutescens American W	1.55	3.90
sinensis Chinese W	1.00	2.65
sinensis alba White C W	1.50	3.75

ZELKOVA		
serrata Japanese Zelkova	1.45	3.60

ZIZYPHUS		
jujuba Common Jujube	1.00	2.65

Flower Seeds

4 ounces or more at pound rate

	Oz.	Lb.
ABRUS		
precatorius <i>Weather Plant</i>	1.20	12.00
ACHILLEA		
filipendulina Parker's <i>lg</i>		
<i>yellow</i>	1/2 oz. 1.20	1.80 18.00
millefolium Kelwayi		
<i>magenta rose</i>	1/2 oz. 1.75	3.00 30.00
Ptarmica Pearl <i>dbl white</i>	1/2 oz. 1.50	2.50 25.00
AGAPANTHUS		
umbellatus blue African Lily 1/4 oz. 1.25	3.00	30.00
AGERATUM		
Blue Mink <i>df tetra</i>	1/2 oz. 1.50	2.50 25.00
Fairy Pink <i>soft salmon</i>	1/2 oz. 1.55	2.60 26.00
Midget Blue <i>rich comp</i>	1/2 oz. 1.50	2.50 25.00
AGROSTEMMA		
coronaria Rose Champion <i>dp red</i>	1.00	6.00
ALYSSUM		
benthami White Sweet A	1.00	4.00
<i>df Carpet of Snow</i>	1.00	7.00
<i>df Rosey O'Day originator's</i>		
1/4 oz. 2.00	5.00	.....
<i>df Royal Carpet</i>	1/2 oz. 1.20	1.80 18.00
<i>df Violet Queen</i>	1.00	10.00
saxatile comp Gold Dust	1.00	6.00
Silver Queen	1/4 oz. 1.30	2.50 25.00
AMARANTHUS		
Joseph's Coat (tricolor splendens)	1.00	6.00
Molten Fire	1.00	8.00
AMPELOPSIS —See Parthenocissus		
ANCHUSA		
capensis Blue Bird indigo	1.00	5.00
italica (azurea) Dropmore	1.00	7.00
myosotidiflora <i>df bright</i>		
<i>blue</i>	1/4 oz. 1.50	5.00 50.00
ANEMONE		
coronaria St. Brigid mixed 1/2 oz. 1.20	1.80	18.00
ANTHEMIS		
Kelwayi (tinctoria) Perry's yellow	1.00	5.00
Sancti Johannis <i>brilliant orange</i>	1.50	15.00
ANTIRRHINUM Rust Resistant		
Campfire <i>scarlet</i>	1/2 oz. 1.00	1.60 16.00
cherry <i>rose</i>	1/2 oz. 1.00	1.60 16.00
orange shades	1/2 oz. 1.00	1.60 16.00
Padre <i>crimson</i>	1/2 oz. 1.00	1.60 16.00
Paradise <i>lgt rose pink</i>	1/2 oz. 1.00	1.60 16.00
Rosalie <i>bright rose</i>	1/2 oz. 1.00	1.60 16.00
Shasta <i>white</i>	1/2 oz. 1.00	1.60 16.00

ANTIRRHINUM—Continued		Oz.	Lb.
Yellow Giant	½ oz. 1.00	1.60	16.00
lg fl mixed		1.20	12.00
Rock hybrids <i>very df</i>	½ oz. 1.25	2.00	20.00
Tetra Giant fl mixed	½ oz. 1.50	2.50	25.00

F-1 Hybrids

	⅓ oz.	⅓ oz.	⅓ oz.
Early season mixed	3.00	5.50	16.00
Midseason mixed	5.50	10.00	35.00
Late season mixed	5.50	10.00	35.00

AQUILEGIA		Oz.	Lb.
Long spurred			
blue shades	½ oz. 2.25	3.50	35.00
copper	½ oz. 2.25	3.50	35.00
Crimson Star <i>df</i>	½ oz. 2.25	3.50	35.00
orange	½ oz. 2.25	3.50	35.00
rose pink	½ oz. 2.25	3.50	35.00
white	½ oz. 2.25	3.50	35.00
mixed	½ oz. 1.75	3.00	30.00
longissima yellow	¼ oz. 2.25	8.00	.....
McKana Giants mixed	½ oz. 2.25	4.00	40.00
Mrs. Scott Elliott hybrids	½ oz. 1.50	2.60	26.00
vulgaris double mixed		1.00	4.50
vulgaris single mixed		1.00	4.25

ARABIS

alpina lg fl rose	½ oz. 1.25	2.20	22.00
white		1.00	10.00
Snowcap <i>df</i>	½ oz. 1.25	2.00	20.00
Spring Charm <i>df</i>			
<i>bright carmine</i>	¼ oz. 2.50	7.00	.....

ARMERIA

alpina dp rose	¼ oz. 2.00	5.00	50.00
Formosa lg fl hybrids	½ oz. 1.25	2.00	20.00
Glory of Holland	¼ oz. 2.10	6.00	60.00

ASCLEPIAS

tuberosa orange	½ oz. 1.50	2.50	25.00
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ASPARAGUS

plumosus nanus Spring			
Delivery 1963	¼ lb. 4.80	12.00	
sprengeri	10 lbs. for 80.00	¼ lb. 4.00	10.00

ASTER

American Gt Branching W R

azure blue	1.25	12.50
crimson	1.25	12.50
pink (shell pink)	1.25	12.50
purple	1.25	12.50
red scarlet (Sensation)	1.25	12.50
rose	1.25	12.50
white	1.25	12.50
mixed	1.20	12.00

ASTER—Continued

Oz. Lb.

Ball type W R

30" tall long stems best for cut flower trade

azure blue	1/4 oz.	1.50	4.50	45.00
dk purple	1/4 oz.	1.50	4.50	45.00
early pink	1/4 oz.	1.50	4.50	45.00
phlox pink	1/4 oz.	1.50	4.50	45.00
pink	1/4 oz.	1.50	4.50	45.00
Pink Lady	1/4 oz.	2.10	6.00	.....
rose	1/4 oz.	1.50	4.50	45.00
scarlet	1/4 oz.	1.50	4.50	45.00
white	1/4 oz.	1.50	4.50	45.00
mixed	1/4 oz.	1.50	4.50	45.00

Bouquet Type W R mixed

2 ft plants early blooming

with long stems 1/2 oz. 1.25 2.00 20.00

Crego Gt. Imp W R mixed 1.20 12.00

Early Beauty types W R mixed

Earlier than American Beauty 1.80 18.00

Early Charm mixed

Dwf very early fl—one week

earlier than Queen of the Market

Only 18" tall 1.20 12.00

Early Giant W R mixed

Similar to Calif Gts but

4/6 weeks earlier 1.80 18.00

Princess Imp W R mixed

20/24" plants 3" blooms in

late August 1.20 12.00

Queen of the Market W R mixed

20" plants best for South 1.00 9.00

Super Giants of California W R

Beverly Hills azure blue 1/2 oz. 1.50 2.50 25.00

El Monte crimson 1/2 oz. 1.50 2.50 25.00

Hollywood pure white 1/2 oz. 1.50 2.50 25.00

Los Angeles shell pink 1/2 oz. 1.50 2.50 25.00

Pasadena peach 1/2 oz. 1.50 2.50 25.00

Santa Barbara dk

purple 1/2 oz. 1.50 2.50 25.00

Santa Maria white 1/2 oz. 1.50 2.50 25.00

mixed 1/2 oz. 1.50 2.50 25.00

ASTER (Perennial Types)

alpinus light blue 1/2 oz. 1.75 3.00 30.00

Beauty dk blue 1/2 oz. 1.50 2.50 25.00

mixed 1/2 oz. 1.50 2.40 24.00

subcoeruleus Wartburg Star

violet orange center 1/2 oz. 2.00 3.50 35.00

AUBRIETA

Giant Hybrids mixed 1/2 oz. 1.75 3.00 30.00

Semi double hybrids 1/2 oz. 3.25 6.00 60.00

BALSAM

dble Camellia fl mixed 1.00 4.00

df Bush fl mixed 1.00 10.00

extra df Tom Thumb

pink 1/4 oz. 1.50 4.50 45.00

purple 1/4 oz. 1.50 4.50 45.00

rose 1/4 oz. 1.50 4.50 45.00

scarlet 1/4 oz. 1.50 4.50 45.00

white 1/4 oz. 1.50 4.50 45.00

mixed 1/4 oz. 1.50 4.50 45.00

BASIL				
			Oz.	Lb.
Ornamental Dark Opel				
originator's	1/4 oz.	2.00	6.00	.....
BEGONIA	1/128	1/64	1/32	1/16
	oz.	oz.	oz.	oz.
tuberosa				
tall type—80% dbl mixed	5.00	8.50	15.00	25.00
fibrous				
Adeline 6" rosy pink, profuse foliage green tinged red	.....	.....	4.00	7.00
Ball red 8" brightest scarlet foliage reddish green	.....	.....	3.00	5.00
Ball rose to red 6", foliage green tinged bronze	.....	.....	4.00	7.00
Ball white 7"	.....	.....	3.00	5.00
Carmen 6" pink compact, foliage light bronze	.....	.....	4.00	7.00
Fire Sea 11" bright car- mine scarlet, foliage green similar to King of Reds	.....	.....	2.50	4.00
Flamingo 6" white edged rose	.....	.....	3.00	5.00
Frosty 6" silvery white, foliage brownish bronze	.....	.....	4.00	7.00
Indian Maid 6" fiery scar- let, foliage red black	.....	.....	6.00	9.00
Lucifer F-1 9-11" deep scarlet, foliage black	.....	8.50	15.00	25.00
Luminosa 5" dark scarlet, foliage bronze tinged green	.....	.....	6.00	9.00
Matador F-1 5-6" dazzling scarlet, foliage small green	8.50	16.00	30.00	50.00
Perfection Pink F-1 6", giant flowers, shining pink, similar to Pink Pearl	8.50	16.00	30.00	50.00
Perfection Red F-1 6", large flower, similar to Red Pearl	8.50	16.00	30.00	50.00
Rosy Red F-1 5-6" for bedding winterflower- ing, sun and rain re- sistant	6.50	12.00	22.00	40.00
Scandinavia 10" free- flowering scarlet red, foliage dark bronze	.....	.....	2.00	3.00
Snow F-1 10" pure white	.....	12.00	22.00	40.00
Snowbank, 8" glistening pure white, foliage dense light green	.....	.....	3.00	5.00
Tausendschoen F-1 5-6", large flower, red, sim- ilar to Red Pearl	8.50	16.00	30.00	50.00
Tausendschoen F-1 5-6", large flower, rose	8.50	16.00	30.00	50.00

BEGONIA—Continued

	1/128	1/64	1/32	1/16
	OZ.	OZ.	OZ.	OZ.

Mixtures:

Df F-1 4-6" (Organdy)	12.00	21.00	40.00	65.00
Df 4-6"			3.00	5.00
Intermediate 6-10"			2.50	4.00
Tall over 10"			2.00	3.00

Our SALES PROVEN varieties will be your best selling lines also. PETUNIA F-1 Grandiflora

BIG RED

LOTUS WHITE

PAGODA

see page 37 and 38 for our full listing

BELLIS

	Oz.	Lb.
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perennis dbl Button *dwf plants bristling with bright colorful tiny dbl flowers*

pink	1/8 oz.	2.00	14.00	.....
red	1/8 oz.	2.00	14.00	.....
white	1/8 oz.	2.00	14.00	.....
mixed	1/8 oz.	2.00	14.00	.....

perennis enorma dbl

crimson	1/2 oz.	2.00	3.50	35.00
rose	1/2 oz.	2.00	3.50	35.00
white	1/2 oz.	2.00	3.50	35.00
mixed	1/2 oz.	2.00	3.50	35.00

BOSTON IVY—See Parthenocissus

BROWALLIA

	Oz.	Lb.
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elata blue		1.60	16.00
speciosa major	1/8 oz.	2.50	15.00

CACTUS

mixture of many varieties	1/4 oz.	1.25	4.00	40.00
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CALCEOLARIA F-1 Hybrid

	1/128	1/64
	OZ.	OZ.

multiflora mixed	4.50	8.00
grandiflora mixed	4.50	8.00

IMPORTANT !!!

F-1 Calceolarias bloom 20/30 days earlier than open polinated strains. Your savings in bench space and heat will more than pay for the cost of the seed. Uniformity, hybrid vigor and wide color range make our F-1 strain the finest. New stalks do not grow through the old flowers spoiling their effect.

CALENDULA

	Oz.	Lb.
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Pacific Beauty mixed	1.00	4.00
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CALLIOPSIS—See also Coreopsis

tall mixed	1.00	4.00
dwarf mixed	1.00	4.50

CAMPANULA

carpatica blue		1.50	15.00
white	1½ oz.	1.25	2.00 20.00
collina dp blue	¼ oz.	1.50	5.00 50.00
garganica major violet	1/16 oz.	2.00	20.00
medium calycanthemum (Cup and			
Saucer) dk blue	½ oz.	1.00	1.80 18.00
lilac	½ oz.	1.00	1.80 18.00
rose	½ oz.	1.00	1.80 18.00
white	½ oz.	1.00	1.80 18.00
mixed			1.40 14.00
medium dbl mixed			1.00 10.00
medium single mixed			1.00 4.00

CAMPANULA—Continued

		Oz.	Lb.
persicifolia dbl blue	½ oz. 1.75	3.00	30.00
white	½ oz. 1.75	3.00	30.00
single Telham Beauty			
blue	½ oz. 1.75	3.00	30.00
white	½ oz. 1.75	3.00	30.00

CANDYTUFT

coronaria Gt Hyacinth fl			
reselect white		1.00	4.00
gibraltarica lilac		1.00	6.00
Iceberg		1.00	10.00
sempervirens white	½ oz. 1.25	2.00	20.00
umbellata mixed		1.00	2.50

CANNA

indica new giant hybrids		1.00	8.00
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CANTERBURY BELLS—See Campanula**CARNATION****Chabaud's Improved**

Cardinal Red	½ oz. 1.25	2.00	20.00
crimson (Nero)	½ oz. 1.25	2.00	20.00
deep rose (Rose Queen) ..	½ oz. 1.25	2.00	20.00
deep salmon	½ oz. 1.25	2.00	20.00
fantasy striped	½ oz. 1.25	2.00	20.00
flesh pink	½ oz. 1.25	2.00	20.00
Princess Alice	½ oz. 1.25	2.00	20.00
rose pink (The Pearl)	½ oz. 1.25	2.00	20.00
salmon rose (Legion of Honor)	½ oz. 1.25	2.00	20.00
violet (purple)	½ oz. 1.25	2.00	20.00
white (Jeannie Dionis) ..	½ oz. 1.25	2.00	20.00
yellow (Marie Chabaud) ..	½ oz. 1.25	2.00	20.00
mixed		1.50	15.00

Vienna ely df mixed	½ oz. 1.50	2.50	25.00
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Enfant de Nice mixed	¼ oz. 1.25	4.00	40.00
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Grenadin

Black King	½ oz. 1.75	3.00	30.00
Cardinal Red	½ oz. 1.75	3.00	30.00
Golden Sun	½ oz. 1.75	3.00	30.00
Snow White	½ oz. 1.75	3.00	30.00
Triumph Pink	½ oz. 1.75	3.00	30.00
mixed	½ oz. 1.50	2.50	25.00
df copper red	½ oz. 1.75	3.00	30.00
Othello maroon	½ oz. 1.75	3.00	30.00
rose	½ oz. 1.75	3.00	30.00
salmon rose	½ oz. 1.75	3.00	30.00
scarlet	½ oz. 1.75	3.00	30.00
white	½ oz. 1.75	3.00	30.00
mixed	½ oz. 1.50	2.50	25.00
Marguerite mixed		1.20	12.00
Gt Malmaison mixed		1.60	16.00

CASTOR BEANS—See Ricinus**CATANANCHE**

caerulea blue	½ oz. 1.25	2.00	20.00
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CELOSIA

cristata df Rose Beauty	¼ oz. 1.75	6.00	60.00
df mixed		1.00	8.00
semi-dwarf Toreador		1.20	12.00
plumosa df			
Fiery Feather		1.00	7.00
Golden Feather		1.00	7.00
plumosa tall			
Forest Fire		1.10	11.00
Forest Fire Imp	½ oz. 1.50	2.50	25.00
Pampas Plume mixed		1.00	7.00

CENTAUREA	Oz.	Lb.
candidissima yellow ½ oz. 1.50	2.50	25.00
cyanus dbl Blue Boy	1.00	3.50
mixed	1.00	3.00
dealbata rose	1.50	15.00
gymnocarpa Dusty Miller rose	1.00	8.00
macrocephala yellow	1.00	10.00
montana blue Mt Bluet	1.00	8.00

CERASTIUM		
tomentosum <i>Snow-in-Summer</i>	1.00	8.00

CHEIRANTHUS		
Allionii <i>Siberian Wallflower orange</i>	1.00	4.00

CHINESE LANTERN—See Physalis

CHRYSANTHEMUM

JAPONICUM

	500's	1000's	5000's
dbl mixed (Anemone & Pompon types)	6.00	10.00	45.00
Incurved types mixed (Football Mums)	6.00	10.00	45.00
Spider types mixed	6.00	10.00	45.00
All Types mixed	6.00	10.00	45.00
	1/32	1/16	1/4 oz.
Formal and Informal mixed	6.00	11.00	40.00
<i>Incurved and spider types dbl and semi dbl varieties, all 5" blooms.</i>			
Early flowering dbl mixed	3.75	7.00	25.00
<i>Blooms in August, mostly full dbl 3" flowers. Some semi dbl and sgl.</i>			
February or early March planting recommended for Flowers by September.			

	Oz.	Lb.
Korean hybrids ⅛ oz. 1.10	5.00	.....
Super Fine mixed ⅛ oz. 1.75	12.00	.....
leucanthemum Alaska	1.00	6.00
gt dbl white ¼ oz. 1.75	5.00	50.00
May Queen (Spring Marguerite)	1.00	5.00
Shasta Daisy	1.00	4.75

CINERARIA

lg. fl. super giant mixed			
1/32 oz. 3.50	1/16 oz. 6.50	1/4 oz. 23.00	

CLARKIA	Oz.	Lb.
elegans dbl mixed	1.00	5.00

CLEOME

pungens Pink Queen	1.00	10.00
Helen Campbell	1.00	10.00

COBAEA

scandens blue	1.00	10.00
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COLEUS	1/32	1/16	1/4 oz.
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hybridus Superfine Rainbow			
Amber Rainbow	2.75	5.00	16.00
Antic Beauty	2.75	5.00	16.00
Art Shades	3.75	7.00	25.00
crimson shades	2.75	5.00	16.00
Gold Dust	2.75	5.00	16.00
multicolor Rainbow	2.75	5.00	16.00
Pink Sensation	2.75	5.00	16.00
red shades	2.75	5.00	16.00
Red Velvet	2.75	5.00	16.00
rose shades	2.75	5.00	16.00

COLEUS—Continued

	$\frac{1}{32}$	$\frac{1}{16}$	$\frac{1}{4}$ oz.
Rustic Splendor	3.75	7.00	25.00
Salmon Rainbow	2.75	5.00	16.00
Tricolor Rainbow	2.75	5.00	16.00
Volcano	3.75	7.00	25.00
white edged green	2.75	5.00	16.00
yellow edged green	2.75	5.00	16.00
hybridus mixed	$\frac{1}{4}$	Oz.	Lb.
Superfine select formula	3.50	12.00	.....
Rainbow	1.50	5.00	50.00
Extra lg leaved	1.75	6.00	60.00
Extra select lg leaved	4.25	15.00	.....
salicifolius (laciniatus)	1.50	5.00	50.00
		Oz.	Lb.

CONVOLVULUS—See also Ipomoea

Crimson Rambler .....	.....	1.90
Japanese Imperial mixed .....	.....	2.50
major (purpurea) mixed .....	.....	1.25

CORDYLINE

australis Green Dracena $\frac{1}{4}$ lb.	2.20	.....	5.50
indivisa Blue Dracena $\frac{1}{4}$ lb.	2.60	.....	6.50

COREOPSIS

lanceolata Mayfield Giants	1.00	4.00
Sunburst dbl golden	1.00	4.50

COSMOS

ely Sensation mixed	1.00	4.00
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CYCLAMEN

europaeum $\frac{1}{16}$ oz.	2.50	30.00	
neapolitanum $\frac{1}{16}$ oz.	2.50	30.00	

CYNOGLOSSUM

amabile blue		2.00
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CYPRESS VINE

(I. quamoclit) mixed	1.00	4.00
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DAHLIA

Unwins df Early Bird mixed	1.80	18.00
df hybrids mixed	1.00	10.00

DATURA

fastulosa white	1.00	4.50
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DELPHINIUM

Belladonna Imp lgt blue $\frac{1}{2}$ oz.	1.00	1.50	15.00
Bellamosum Imp dk blue $\frac{1}{2}$ oz.	1.00	1.50	15.00
Blackmore & Langdon			
hybrids $\frac{1}{2}$ oz.	1.00	1.60	16.00
Gold Medal hybrids $\frac{1}{2}$ oz.	1.25	2.00	20.00
Lamartine $\frac{1}{2}$ oz.	1.25	2.00	20.00
Sapphire bright blue			
golden Bee $\frac{1}{2}$ oz.	2.00	3.50	35.00
Wrexham (Hollyhock			
fl) mixed $\frac{1}{2}$ oz.	2.00	3.50	35.00

PACIFIC GIANT

Astolat blush to raspberry			
rose (dk B) $\frac{1}{4}$ oz.	2.50	7.00	70.00
Black Knight dk blue			
(dk B) $\frac{1}{4}$ oz.	2.50	7.00	70.00
Blue Bird clear medium			
blue (w B) $\frac{1}{4}$ oz.	2.50	7.00	70.00
Blue Jay clear medium blue			
(dk B) $\frac{1}{4}$ oz.	2.50	7.00	70.00
Cameliard pure lavender			
(w B) $\frac{1}{4}$ oz.	2.50	7.00	70.00
Galahad glistening white			
(w B) $\frac{1}{4}$ oz.	2.50	7.00	70.00

PACIFIC GIANT—Continued

	Oz.	Lb.
Guinevere <i>lgt pinkish</i>		
<i>lavender (w B)</i>	1/4 oz. 2.50	7.00 70.00
King Arthur <i>dk violet</i>		
<i>(w B)</i>	1/4 oz. 2.50	7.00 70.00
Lancelot <i>clear lilac (w B)</i>	1/4 oz. 2.50	7.00 70.00
Percival <i>white (dk B)</i>	1/4 oz. 2.50	7.00 70.00
Summer Skies <i>clear lgt</i>		
<i>blue (w B)</i>	1/4 oz. 2.50	7.00 70.00
<i>mixed</i>	1/4 oz. 2.00	5.00 50.00

DIANTHUS

Bravo originator's	1/8 oz. 1.25	9.00	.....
barbatus—See Sweet William			
chinensis sgl mixed (Pinks)		1.00	3.00
deltoides Brilliant crimson		1.50	15.00
Gaiety dbl carnation shades		1.20	12.00
Heddewigi dbl Fireball		1.50	15.00
Snowball		1.50	15.00
plumarius dbl lg fl Spring			
Beauty mixed	1/2 oz. 1.30	2.20	22.00
Winteri	1/4 oz. 2.90	10.00	.....

DICENTRA

eximia	1/2 oz. 1.75	3.00	30.00
spectabilis	1/8 oz. 3.00	20.00	.....

DICTAMNUS

fraxinella pink		1.20	12.00
white		1.50	15.00

DIELYTRA—See Dicentra

DIGITALIS

gloxiniaeflora lg fl			
purple		1.00	10.00
rose		1.00	10.00
The Shirley mixed		1.00	6.00
Excelsior mixed		1.00	7.00

DIMORPHOTHECA

aurantiaca orange		1.00	9.00
hybrids mixed		1.00	8.00

DORNICUM

causasicum magnificum <i>golden</i>			
<i>yellow</i>	1/4 oz. 2.10	6.00	60.00

DRACAENA—See Cordyline

ECHINOPS

ritro violet Globe Thistle		1.50	15.00
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ERYTHRONIUM

Rev. Johnsonii	1/16 oz. 2.50		
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EUCALYPTUS

Silver Dollar			
(E. polyanthemos)	1/4 lb. 5.60		14.00
Spiral (E. pulverulenta)	1/4 lb. 26.00		65.00

EUPHORBIA

heterophylla <i>Mexican Fire Plant</i>		1.00	10.00
polychrome	1/8 oz. 2.50	14.00	.....
variegata <i>Snow on the Mountain</i>		1.00	5.75

FOUR O'CLOCKS—See Mirabilis

FOXGLOVE—See Digitalis

FREESIA

Oz. Lb.

Super Giants

blue and lilac shades	1/8 oz. 1.25	8.00	.....
red and rose shades	1/8 oz. 1.25	8.00	.....
white shades	1/8 oz. 1.25	8.00	.....
yellow and orange shades	1/8 oz. 1.25	8.00	.....
formula mixed	1/8 oz. 1.25	8.00	.....

GAILLARDIA

lg fl Burgundy <i>scarlet</i>	1.00	10.00
Dazzler <i>gold and maroon red</i>	1.00	10.00
Goblin <i>df</i>	1.20	12.00
Portola hybrids	1.00	10.00
mixed	1.00	10.00

GERANIUM—See Pelargonium**GERBERA**

Jamesonii duplex hybrids ...1000 seeds	8.00
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GEUM

Lady Stratheden (Golden Ball)	1/2 oz. 1.35	2.20	22.00
Mrs. Bradshaw dbl <i>scarlet</i>		1.60	16.00

GLOBE AMARANTH (Gomphrena)

mixed	1.00	5.00
Buddy <i>df purple</i>	1.10	11.00

GLOXINIA

1/128 1/64

	Oz.	Oz.
Berlin Blue 2 1/2" fl 3 1/2" stems	2.00	3.75
Berlin White 2 1/2" fl 4 3/4" stems	2.00	3.75
Emperor Frederick 3" fl 4 3/4" stems	2.00	3.75
Emperor William <i>early blooming</i> blue and white 2 3/4" fl 5 1/4" stems	2.00	3.75
Evelina <i>carmine and white</i> 2 1/2" fl 3 3/4" stems	2.00	3.75
Panzer Scarlet 3" fl 3 1/2" stems	2.00	3.75
Rose Sensation 3" fl 3 1/2" stems <i>early</i> fl rose and white	2.00	3.75
Scarlet with white edge <i>late fl</i>	2.00	3.75
Tigered and spotted	2.00	3.75
mixed	2.00	3.75
F-1 Hybrids mixed	3.50	per M

GOURDS ORNAMENTAL

Oz. Lb.

Large Fruited Mixed	1.00	3.50
Small Fruited		
Apple green striped white	1.00	3.00
Egg bicolor green and yellow	1.00	3.00
Egg white	1.00	3.00
Flat green white stripes	1.00	3.00
Miniature round white		
striped green	1.00	3.00
Orange ball shape	1.00	3.00
Pear bicolor half yellow rest		
striped green	1.00	3.00
Pear green striped white	1.00	3.00
Pear white	1.00	3.00
Pear mixed	1.00	3.00
Spoon bicolor	1.00	3.00
mixed	1.00	3.00
Small & Large Fruited Mixed	1.00	3.00

		Oz.	Lb.
GREVILLEA			
robusta (Silk Oak)	 $\frac{1}{2}$ oz.	1.30	2.40 24.00

GYPSOPHILA			
elegans London Mkt lg fl white			
Florist Strain	.....		1.25
Oldhamiana	.....	1.40	14.00
pacifica pink	 $\frac{1}{2}$ oz.	1.70	2.80 28.00
paniculata dbl white	 $\frac{1}{2}$ oz.	1.75	3.00 30.00
sgl white	.....	1.00	6.00
repens df lgt rose	.....	1.50	15.00

HELIANTHEMUM			
mutabile Sun Rose	.....	1.00	10.00

HELIANTHUS—See Sunflower

HELICHRYSUM			
monstrosum dbl mixed	.....	1.00	6.00

HELLEBORUS July-Aug. 1963 delivery			
niger Christmas Rose	.....	1.80	18.00

HESPERIS			
matronalis purple	 $\frac{1}{4}$ lb.	1.00	 2.50
white	 $\frac{1}{4}$ lb.	1.00	 2.50

HEUCHERA			
sanguinea			
Spitfire lg fl scarlet	 $\frac{1}{8}$ oz.	2.00	13.00
hybrids mixed	 $\frac{1}{8}$ oz.	2.00	13.00

HIBISCUS			
Giant-flowered mixed	.....	1.00	10.00
Moscheutos hybrids mixed			
Special 10" flowered strain	.....	3.00	30.00

HOLLYHOCK			
Chater's dbl			
chamois	.....	1.50	15.00
Golden Drop canary yellow	.....	1.50	15.00
lilac	.....	1.50	15.00
maroon (Black Gem)	.....	1.50	15.00
Newport Pink	.....	1.50	15.00
scarlet (Fire King)	.....	1.50	15.00
white (Virgin Queen)	.....	1.50	15.00
mixed	.....	1.00	10.00
single mixed	.....	1.00	3.00

HONESTY—See Lunaria

IBERIS—See Candytuft

IMPATIENS		$\frac{1}{4}$ oz.	Oz.
tall mixed	.....	2.00	6.00
semi dwf		$\frac{1}{16}$ oz.	Oz.
Blaze	.....	2.00	23.00
Brilliant orange	.....	2.00	23.00
Brilliant rose	.....	2.00	23.00
carmine	.....	2.00	23.00
salmon carmine	.....	2.00	23.00
salmon scarlet	.....	2.00	23.00
mixed	.....	2.00	23.00
dwarf Baby			
carmine	.....	2.50	30.00
orange	.....	2.50	30.00
pink	.....	2.50	30.00
scarlet	.....	2.50	30.00
mixed	.....	2.50	30.00

		Oz.	Lb.
INCARVILLEA			
delavayi pink	1/4 oz. 1.75	5.00	50.00
lg fl amaranth red	1/4 oz. 1.50	4.00	40.00
brevipes <i>bright dp rose</i>	1/2 oz. 1.75	3.00	30.00
IPOMOEA —See also <i>Convolvulus</i>			
Heavenly Blue	1/4 lb. 1.00	.....	2.50
Noctiflora W S Moonflower ..	1/4 lb. 1.00	.....	3.00
Quamoclit—See <i>Cypress Vine</i>			
Scarlett O'Hara	1/4 lb. 1.00	.....	3.50
IRIS			
bucharica	1/4 oz. 2.50	.....	.....
kaempferi Japanese Flag	1/2 oz. 1.25	2.20	22.00
Higo Strain <i>hand pollinated</i> 8" flowers full			
color range	1/8 oz. 4.50	25.00	.....
magnifica	1/2 oz. 1.00	1.80	18.00
sibirica	1/2 oz. 1.00	1.80	18.00
JACARANDA			
acutifolia (ovalifolia) <i>Sharpleaf</i> <i>Jacaranda</i>	oz. 2.50	.....	.....
KALANCHOE			
Tom Thumb bright red	1/32 oz. 5.00	.....	.....
Brilliant Star	1/32 oz. 3.50	.....	.....
Golden Hybrid	1/32 oz. 4.50	.....	.....
KUDZU VINE —See <i>Pueraria</i>			
LANTANA			
hybrid mixed		1.00	10.00
dwarf mixed		1.40	14.00
LARKSPUR			
Giant Imperial mixed		1.00	8.00
LATHYRUS			
latifolius pink		1.00	10.00
red		1.00	10.00
white		1.00	10.00
mixed		1.00	8.00
LAVANDULA			
vera Munstead strain	1/2 oz. 1.00	1.80	18.00
For others—See <i>Herbs</i>			
LIATRIS			
pycnostachya purple	1/2 oz. 1.00	1.80	18.00
scariosa white	1/2 oz. 1.50	2.50	25.00
September Glory	1/4 oz. 1.00	3.50	35.00
LINUM			
flavum Golden Flax	1/2 oz. 1.00	1.80	18.00
lg fl rubrum Scarlet Flax	1/4 lb. 1.00	.....	2.00
perenne blue		1.00	4.50
white		1.00	4.50
LOBELIA			
cardinalis scarlet	1/8 oz. 1.25	7.50	75.00
erinus			
Cambridge Blue <i>lgt</i> blue green foliage	1/2 oz. 1.15	2.00	20.00
Crystal Palace comp dk blue dk foliage	1/2 oz. 1.15	2.00	20.00
Rosamond <i>df red with</i> white eye	1/2 oz. 1.50	2.50	25.00

LUNARIA

	Oz.	Lb.
biennis purple Honesty ¼ lb. 1.25		4.00
mixed ¼ lb. 1.25		4.00

LUPINUS

Hartwegii Gt King mixed	1.00	4.00
Polyphyllus Russell's		
blue & white	1.80	18.00
carmine shades	1.80	18.00
coppery red shades	1.80	18.00
creamy white	1.80	18.00
rose & white	1.80	18.00
yellow	1.80	18.00
mixed	1.00	10.00

LYCHNIS—See also Agrostemma

chalcedonica scarlet Maltese Cross	1.00	7.00
Haageana hybrids mixed ½ oz. 1.00	1.80	18.00

MARIGOLD

African dwarf double

Cupid lemon yellow ½ oz. 1.25	2.00	20.00
golden yellow ½ oz. 1.25	2.00	20.00
orange ½ oz. 1.25	2.00	20.00
Spun Gold ½ oz. 1.75	3.00	30.00

African tall double

All Double Lemon	1.00	10.00
Orange	1.00	10.00

Climax F-1

	⅛ oz.	¼ oz.	oz.
golden	2.50	4.50	16.00
primrose cream	2.50	4.50	16.00
Toreador orange	2.50	4.50	16.00
yellow	2.50	4.50	16.00
mixed	2.50	4.50	16.00

Oz. Lb.

Crackerjack mixed colors	1.20	12.00
Glitters ely fl <i>canary yellow</i>	1.20	12.00
Mammoth Mum <i>yellow</i>	1.20	12.00
Sunset Giants mixed	1.00	9.00
Superjack ely fl	1.20	12.00
Yellow Supreme Lemon	1.00	6.00

French double dwarf

Brownie Scout	1.20	12.00
Petite gold	1.00	10.00
Fire Glow	1.00	10.00
Harmony (Spry Color)	1.00	10.00
orange	1.00	10.00
yellow	1.00	10.00
mixed	1.00	10.00
Butterball <i>soft yellow</i>	1.00	8.00
Harmony <i>dp orange brown color</i>	1.00	8.00
Harmony hybrids mixed	1.00	8.00
Lemondrop	1.00	10.00
Rusty Red (<i>Fandango</i>) <i>mahogany</i>	1.00	8.00
Spry <i>yellow edged mahogany</i>	1.00	8.00
Tangerine <i>orange scarlet</i>	1.00	8.00
Mixture <i>df dbl</i>	1.00	8.00

French single dwarf

Dainty Marietta	1.00	6.00
Flash <i>red bronze and yellow</i>	1.00	6.00
Naughty Marietta <i>golden</i>		
<i>yellow blotched maroon</i>	1.00	6.00
Red Head <i>bronze and gold</i>	1.00	6.00
Sunny <i>bright yellow</i>	1.00	6.00

MARVEL OF PERU—See *Mirabilis*

MATRICARIA		<u>Oz.</u>	<u>Lb.</u>
capensis dbl white			
Feverfew	½ oz. 1.50	2.50	25.00
Florists Strain			
90% dbl white	¼ oz. 3.00	10.00	.....
eximea dbl df Golden Ball	½ oz. 1.50	2.40	24.00
Snowball	½ oz. 1.50	2.40	24.00

MIMOSA

pudica (Sensitive Plant)	1.00	7.00
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MIMULUS

tigrinus yellow spotted	½ oz. 1.25	2.00	20.00
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MIRABILIS

jalapa mixed (Marvel of Peru or Four O'Clock)		1.50
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MORNING GLORY—See *Convolvulus*
and *Ipomoea***MYOSOTIS**

alpestris			
Victoria df blue	½ oz. 1.50	2.50	25.00
indigo blue	½ oz. 1.50	2.50	25.00
rose	½ oz. 1.50	2.50	25.00
white	½ oz. 1.50	2.50	25.00
palustris semperflorens	1.50	15.00	

NASTURTIUM

dwf Gem dbl mixed .....	.....	1.50
dwarf sgl mixed rubbed .....	.....	1.40
tall sgl mixed rubbed .....	.....	1.30
Gleam hybrids mixed		1.75
Golden Gleam		1.75
Scarlet Gleam		1.75

NEPETA

mussinii violet	1.20	12.00
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NICOTIANA

affinis white	1.00	6.00
Daylight white	1.00	8.00
mixed	1.00	6.00

NIEREMBERGIA

hippomanica	¼ oz. 4.00	12.00	.....
Purple Robe	¼ oz. 4.50	14.00	.....

OENOTHERA

Lamarckiana	1.00	7.00
macrocarpa missouriensis ½ oz.	2.00	3.50 35.00
Youngi (fruiticosa) ½ oz.	1.00	1.80 18.00

PANSY —See also Viola

Grow Early Alpines this year for sure!!!
Amazingly early — True Dwarf Plants
Large bright flowers

		$\frac{1}{4}$ Oz.	Oz.
F-2 Early Alpine Giants mixed.....		8.00	22.50
		Oz.	Lb.
F-2 Color Carnival mixed $\frac{1}{4}$ oz.	7.75	21.00	210.00
..... $\frac{1}{4}$ oz.	4.75	14.00	140.00
America <i>early fl mixed</i>	$\frac{1}{2}$ oz. 1.70	3.00	30.00
Clear Crystal mixed	$\frac{1}{4}$ oz. 1.50	5.00	50.00
Felix mixed colors	$\frac{1}{2}$ oz. 2.50	4.50	45.00
Maple Leaf Giants mixed .. $\frac{1}{2}$ oz.	2.00	3.50	35.00
Swiss Giants mixed	$\frac{1}{4}$ oz. 1.25	4.00	40.00
Swiss Giants df mixed	$\frac{1}{4}$ oz. 1.50	5.00	50.00
Trimardeau Gts mixed		1.60	16.00

SEPARATE COLORS

Alpenglow <i>cardinal to</i>			
<i>wine red</i>	$\frac{1}{4}$ oz. 1.50	5.00	50.00
Berna <i>dk velvety violet</i>	$\frac{1}{4}$ oz. 1.50	5.00	50.00
Blumlisalp <i>rose</i>	$\frac{1}{4}$ oz. 1.50	5.00	50.00
Coronation Gold	$\frac{1}{4}$ oz. 1.50	5.00	50.00
Delft blue <i>lgt porcelain blue</i> $\frac{1}{4}$ oz.	1.50	5.00	50.00
Flame <i>bronze colored</i>	$\frac{1}{4}$ oz. 1.50	5.00	50.00
Jet Black	$\frac{1}{4}$ oz. 1.50	5.00	50.00
Jungfrau <i>pure white</i>	$\frac{1}{4}$ oz. 1.50	5.00	50.00
Lake of Thun	$\frac{1}{4}$ oz. 1.50	5.00	50.00
Luna <i>clear sulphur</i>	$\frac{1}{4}$ oz. 1.50	5.00	50.00
Orange <i>apricot to dp</i>			
<i>orange center</i>	$\frac{1}{4}$ oz. 1.50	5.00	50.00
Pay Dirt <i>yellow black lines</i> .. $\frac{1}{4}$ oz.	1.50	5.00	50.00
Rheingold <i>canary yellow</i>			
<i>with dk blotches</i>	$\frac{1}{4}$ oz. 1.50	5.00	50.00
Silverbride <i>silvery white</i>			
<i>and violet blotches</i>	$\frac{1}{4}$ oz. 1.50	5.00	50.00
True Blue <i>no blotches</i>	$\frac{1}{4}$ oz. 1.50	5.00	50.00
Winered	$\frac{1}{4}$ oz. 1.50	5.00	50.00
Yellow Master	$\frac{1}{4}$ oz. 1.50	5.00	50.00

PARTHENOCISSUS

quinquefolia <i>Virginia Creeper</i>	2.25
tricuspidata, <i>Boston Ivy</i>	3.10

PASSIFLORA

caerulea	$\frac{1}{4}$ oz. 1.25	4.00	40.00
edulis	$\frac{1}{2}$ oz. 1.75	3.00	30.00
Jamesonii	$\frac{1}{2}$ oz. 1.75	3.00	30.00
mollissima	$\frac{1}{4}$ oz. 1.50	5.00	50.00

PELARGONIUM

zonale mixed	$\frac{1}{4}$ oz. 2.50	7.50	75.00
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PENSTEMON

Sensation <i>gloxiniaeflora</i>			
mixed	$\frac{1}{2}$ oz. 1.50	2.50	25.00

PETUNIA F-1 multiflora

All 1/128 oz. 2.00 1/64 oz. 3.25 1/32 oz. 5.50
 1/16 oz. 10.00 1/8 oz. 18.00 oz. 130.00

1st column = height, 2nd column = spread, 3rd column = flower size in inches

Blue Bird	15	23	2	dk blue medium early dwarf habit weather resistant
Canary Bird	15	24	2½	cream with yellow throat extremely free flowering
Cherry Blossom	12	14	2½	gay salmon rose one of the earliest loaded with flowers on nice compact plants
Coral Red	13	21	3	light yellow throat on lively color medium early
Evening Star	14	20	2½	slightly darker than Polaris very uniform bright white stars on deep blue
Frosty	15	26	2½	A maze of pure white covering strong vigorous plants extra early
Geisha	10	23	2½	brightest of the reds true free flowering early dwarf
Hofu Glory	15	22	2½	Rosy Morn coloring rain resistant very free flowering
Little Pinkie	15	21	2½	pink small white throat very profuse earlier than Cherokee more uniform than Pink Velvet
Ming	9	17	2½	scarlet yellow throat extra early and very profuse
Morning Star	10	14	1½	dp rose and white uniform marking exceptionally dwarf and more compact than Satellite
Oriental Star				use Evening Star
Osaka Star				use Morning Star
Peach Pink	13	20	2½	clear pink dk center pronounced earliness and flower size
Royal Crimson	15	22	2½	warm crimson very early overflowing with blooms
Scarlet Wonder	11	20	2¾	scarlet red very early free flowering largest red multi-flora we have seen yet
Setting Sun	11	17	2½	scarlet larger flowered earlier more profuse and vigorous than Commanche Botrytis resistant
True Blue	17	27	2½	lovely clear blue larger flowers than Neptune
White Jade				use Frosty
White Pearl	15	24	2	fine white

PETUNIA F-1 multiflora—Continued

All 1/128 oz. 2.00 1/64 oz. 3.25 1/32 oz. 5.50
1/16 oz. 10.00 1/8 oz. 18.00 oz. 130.00

1st column = height, 2nd column = spread, 3rd column = flower size in inches

Twinkling Stars
mixed formula blend of choicest
star varieties

Sparkling Gems
mixed formula blend of our com-
plete color range

PETUNIA F-1 grandiflora

All 1/128 oz. 2.25 1/64 oz. 3.75 1/32 oz. 7.00
1/16 oz. 12.00 1/8 oz. 23.00 oz. 180.00

1st column = height, 2nd column = spread, 3rd column = flower size in inches

August Moon
10 20 3½ fringed salmon scarlet early
very free flowering unique
color very dwarf

Bicolor Variegated
rose & white
9 20 2¾ slightly fringed early free
flowering deeper rose than
Crusader

pink & white
9 18 3 fringed early profuse and
very dwarf

red & white
10 21 2½ fringed earlier more florif-
erous and vigorous than
Calypso colors and mark-
ing similar

blue & white
11 20 3 fringed an improved strain
dwarfer free flowering with
better markings than
Mikado

Bicolor Starred
blue black & white
11 15 2½ Plain edged uniform mark-
ings distinguish it from all
others medium flowering
compact

Bicolor Variegated
and starred mixed formula blend of our
choicest varieties

Big Red 10 17 3½ the best grfl red compact
dwarf. Our largest seller
in 1961/2
dp scarlet dark throat still

Canton Blue
11 18 3 deeper blue than Blue
Magic and Blue Lustre
dwarfer and earlier

China Night
11 15 3 fringed steel blue with
deeper veining earlier and
dwarfer than Blue Lace
large flowered

Fire Light 11 18 3 fringed intense scarlet yel-
low throat early vigorous
prefer to Fire Dance

Fujiama Glory use red & white variegated

Imperial Pink
11 24 3½ fringed with salmon pink
color early free flowering

PETUNIA F-1—Grandiflora —Continued

All 1/128 oz. 2.25 1/64 oz. 3.75 1/32 oz. 7.00

1/16 oz. 12.00 1/8 oz. 23.00 oz. 180.00

1st column = height, 2nd column = spread, 3rd column = flower size in inches

Imperial Rose Imp				semi fringed rich color
	11	19	3	white throat early flower- ing dwarf

Imperial Scarlet				use Fire Light
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Lotus white	13	24	4	the largest plain edged white in grfl group top flowering
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Madam Butterfly				fringed blush pink finely veined delicate rose holds color well
	12	20	3½	

Manchu	11	19	3	plain edged color similar Tango strong vigorous growth
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Mikado				use blue & white varie- gated
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Nagoya Beauty				waved clear rose light throat similar Prima Donna dwarf compact habit
	11	20	2¾	

Pagoda	10	24	3	fringed salmon pink free flowering a real beauty plus very dwarfest compact habit early compare with Maytime
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Pekin Scarlet				plain edge dp intense sal- mon scarlet yellow throat early extra dwarf
	10	18	3	

Rising Sun	11	20	3	plain edge glorious soft pink yellowish throat dwarf vigorous compact more uni- form and earlier than Chiffon
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Talisman	15	20	3	plain edged rose pink light throat earlier than Pink Magic slightly taller
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Tyrian King				fringed deep rose good hy- brid vigor
Sold Out	11	21	3	

Valentine	10	20	3	glorious carmine rose white throat outstandingly dwarf
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White Fringe				fringed pure white larger flowering than La Paloma
	13	23	3¾	

Brilliant Gems mixed				free blooming one of the choicest formula mixtures of all F-1 grandiflora color blend is supreme
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PETUNIA

Oz. Lb.

hybrida mixed		1.00	10.00
hybrida nana compacta			
Alderman <i>dp blue</i>	1/2 oz.	1.25	2.00 20.00
Blue Bedder <i>clear blue</i>	1/2 oz.	1.25	2.00 20.00
Celestial Rose	1/2 oz.	1.25	2.00 20.00
Cheerful <i>salmon pink</i>	1/4 oz.	2.00	6.00 60.00
Fire Chief <i>scarlet red</i>	1/4 oz.	2.25	7.50 75.00
Rose of Heaven	1/2 oz.	1.25	2.00 20.00
Rosy Morn	1/2 oz.	1.25	2.00 20.00
Silver Blue or Heavenly			
<i>Blue</i>	1/2 oz.	2.00	3.50 35.00
Snowball	1/2 oz.	1.50	2.60 26.00
F-2 Sugar Plum <i>flower size</i>			
<i>almost equal to F-1 type</i>			
<i>good habit and vigor</i>	1/4 oz.	3.50	12.00
Twinkle rose <i>starred</i>			
<i>white</i>	1/2 oz.	1.75	3.20 32.00
Violacea <i>Blue Bird</i>	1/2 oz.	1.75	2.00 20.00
mixed F-2	1/2 oz.	2.00	3.50 35.00

Large Flowered single plain edge

Bingo <i>extra lg fl</i>	1/16 oz.	5.50	70.00
Dazzler <i>scarlet</i>	1/16 oz.	3.95	45.00
Elk's Pride <i>purple df</i>	1/16 oz.	1.90	25.00
Popcorn <i>pure white df</i>	1/16 oz.	3.25	40.00

Large Flowered single fringed

Snowstorm <i>white</i>	1/16 oz.	3.25	40.00
Theodosia <i>rose golden</i>			
<i>throat</i>	1/16 oz.	2.50	30.00
mixed (<i>Fluffy Ruffles</i>)	1/16 oz.	2.65	32.00

Dwarf Giants of California

Super <i>df Giants mixed</i>	1/16 oz.	5.50	70.00
semi <i>df giants dk &</i>			
<i>light shades mixed</i>	1/16 oz.	5.25	60.00

1/64 oz. 1/16 oz.

F-1 <i>lavender</i>	7.00	25.00
F-1 <i>rose</i>	7.00	25.00
F-1 <i>rose & white</i>	7.00	25.00
F-1 <i>white 100% lg fl</i>	7.00	25.00
F-1 <i>mixed</i>	7.00	25.00

*Floriferousness and uniform dwarf plant habit
make above F-1 Dwarf Giant of California
Petunias our selection of the best grown*

PETUNIA ALL DOUBLE

1/128 1/64 1/16 Oz.

Victorious

Attraction <i>dp red & white</i>			
<i>bicolor plants 9" tall</i>			
<i>100% grfl All Double</i>	4.50	8.00	31.00
Blue Brocade	4.50	8.00	31.00
Gaiety <i>pink & white</i>	4.50	8.00	31.00
Rosy Carmine	4.50	8.00	31.00

Giant Victorious

Blue Monarch	4.50	8.00	31.00
Darling <i>rosy carmine</i>	4.50	8.00	31.00
Orchid Beauty <i>lavender</i>	4.50	8.00	31.00
Purple Queen <i>bluish</i>	4.50	8.00	31.00
Rose Shades	4.50	8.00	31.00
Salmon Shades	4.50	8.00	31.00
White Swan	4.50	8.00	31.00
Mixed	4.00	7.00	25.50

PHLOX		Oz.	Lb.
decussata mixed	 $\frac{1}{2}$ oz.	1.00	1.70 17.00
dr cuspidata mixed			
Star Phlox	 $\frac{1}{2}$ oz.	1.00	1.70 17.00
dr lg fl mixed	.....		1.00 10.00
dr dwarf Globe mixed	 $\frac{1}{4}$ oz.	1.75	4.50 45.00
dr df Superior 6-8" mixed	 $\frac{1}{4}$ oz.	1.40	3.50 35.00
dr df Twinkles mixed	 $\frac{1}{2}$ oz.	1.50	2.50 25.00

GIANT TETRA GLAMOUR

AAS Winner Originator's Strain

Finest Phlox for Bedding

1/16 oz. 2.25 oz. 20.00

PHYSALIS		Oz.	Lb.
Franchetii Chinese Lantern Plant	.....	1.10	11.00

PHYSOSTEGIA			
virginiana rosy lilac	 $\frac{1}{2}$ oz.	1.25	2.00 20.00
white	 $\frac{1}{2}$ oz.	1.25	2.00 20.00

PINKS—see Dianthus chinensis

PLATYCODON			
lg fl blue	 $\frac{1}{2}$ oz.	1.30	2.20 22.00
white	 $\frac{1}{2}$ oz.	1.30	2.20 22.00
Mariesii blue	 $\frac{1}{2}$ oz.	1.75	3.00 30.00

PLUMBAGO			
capensis blue	per 1000 seeds	4.25	.....

POINCIANA			
gilliesi Paradise P	 $\frac{1}{4}$ lb.	2.10	 5.25

POLEMONIUM			
caeruleum Blue Jacobs' Ladder	.....	1.00	10.00

POPPY			
alpinum mixed	 $\frac{1}{2}$ oz.	2.00	3.50 35.00
nudicaule			
Gartford Gts mixed	 $\frac{1}{2}$ oz.	1.50	2.50 25.00
single mixed	.....		1.50 15.00
orientalis			
Princess Victoria Louisa			
salmon	 $\frac{1}{2}$ oz.	1.00	1.80 18.00
scarlet	.....		1.50 15.00
mixed	.....		1.20 12.00
Shirley dbl mixed	.....	1.00	5.00
sgl mixed	.....	1.00	4.50

PORTULACA			
Extra Select 80-90% dbl			
carmine	 $\frac{1}{2}$ oz.	1.75	3.00 30.00
scarlet	 $\frac{1}{2}$ oz.	1.75	3.00 30.00
white	 $\frac{1}{2}$ oz.	1.75	3.00 30.00
yellow	 $\frac{1}{2}$ oz.	1.75	3.00 30.00
mixed	 $\frac{1}{2}$ oz.	1.75	3.00 30.00
dbl mixed	.....	1.50	15.00
sgl mixed	.....	1.00	8.00

PRIMULA		$\frac{1}{64}$	$\frac{1}{32}$ oz.
malacoides			
Glory of Riverside	.....	2.50	4.00
F-2 Luminosa scarlet red	.....	3.75	7.00
F-2 Snow Giant	.....	3.75	7.00
Lucia carmine very early fl	.....	3.75	7.00
Lucia Bloodred very early fl	.....	3.75	7.00

PRIMULA—Continued

Oz. Lb.

polyantha

red	1/2 oz. 1.75	3.00	30.00
white	1/2 oz. 1.75	3.00	30.00
yellow	1/2 oz. 1.75	3.00	30.00
mixed	1/2 oz. 1.50	2.50	25.00
Colossal mixed	1/8 oz. 1.75	8.00	80.00

polyantha Pacific Gt Hybrids

	1/32	1/16	1/8 Oz.
blue shades	4.50	8.50	16.00
pink shades	4.50	8.50	16.00
rose shades	4.50	8.50	16.00
scarlet & bright red shades ..	4.50	8.50	16.00
white	4.50	8.50	16.00
yellow and bronze shades	4.50	8.50	16.00
mixed	4.50	8.50	16.00

polyantha Pacific Gt Hybrids Clear Crystals

dp blue	6.00	11.50	21.00
pink	6.00	11.50	21.00
sky blue	6.00	11.50	21.00
white	6.00	11.50	21.00
yellow	6.00	11.50	21.00
mixed	6.00	11.50	21.00

PUERARIA

Oz. Lb.

phaseoloides	1.00	6.00
Thunbergiana	1.00	3.50

PYRETHRUM

roseum double mixed	1/2 oz. 2.25	4.00	40.00
roseum sgl			
James Kelway dp			
crimson	1/2 oz. 1.75	3.00	30.00
Robinson's hybrids			
crimson	1/2 oz. 1.50	2.50	25.00
red	1/2 oz. 1.50	2.50	25.00
rose	1/2 oz. 1.50	2.50	25.00
mixed	1/2 oz. 1.50	2.50	25.00
Giant fl mixed	1/2 oz. 1.50	2.50	25.00

RICINUS (Castor Oil Beans)

small seeded mixed .....	.....	1.00
small and large seeded mixed		1.10
Zanzibariensis mixed		1.20

ROSA

polyantha nana	3.50 per M
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RUDBECKIA

Gloriosa dbl Daisy			
originator's	1/8 oz. 1.50	8.00	
purpurea		1.00	9.00

SALVIA

argentea Silver Sage	1/2 oz. 1.00	1.80	18.00
farinacea Blue Bedder	1/2 oz. 1.00	1.80	18.00
patens Cambridge blue	1/2 oz. 1.75	3.00	30.00
splendens	1/2 oz. 1.50	2.50	25.00
America (Globe of Fire) ..	1/2 oz. 2.00	3.50	35.00
Blaze of Fire	1/2 oz. 2.50	4.50	45.00
Bonfire (Clara Bedman) ..	1/2 oz. 1.75	3.00	30.00
imported		1.20	12.00
Cardinal	1/2 oz. 2.00	3.50	35.00
Firebrand	1/2 oz. 2.00	3.50	35.00
Harbinger	1/2 oz. 1.75	3.10	31.00

SALVIA—Continued		Oz.	Lb.
Purple Blaze	$\frac{1}{4}$ oz. 2.00	6.00	60.00
St. John's Fire	$\frac{1}{4}$ oz. 2.10	5.50	55.00
Scarlet Pygmy (Fireball) ..	$\frac{1}{4}$ oz. 2.50	7.00	70.00
Zurich	$\frac{1}{2}$ oz. 1.75	3.10	31.00
SAPONARIA			
ocymoides rose		1.00	9.00
SCABIOSA			
annual dbl fl mixed		1.00	8.00
caucasica lg fl dp blue	$\frac{1}{2}$ oz. 1.50	2.50	25.00
House hybrids	$\frac{1}{2}$ oz. 1.50	2.50	25.00
white	$\frac{1}{2}$ oz. 1.50	2.50	25.00
SCHEFFLERA			
actinophylla	\$1.75 per M		
SHASTA DAISY—See Chrysanthemum			
SOLANUM			
Christmas Pepper	$\frac{1}{2}$ oz. 1.75	3.00	30.00
Red Boy	$\frac{1}{2}$ oz. 1.75	3.00	30.00
STATICE			
latifolia dp lavender		1.00	10.00
sinuata Bonduellii yellow		1.00	3.00
hybrids mixed		1.00	3.00
Kampfs blue		1.00	3.00
Lavender Queen		1.00	3.00
white		1.00	3.00
STOCKS			
dbl df ten weeks mixed		1.50	15.00
Trysomic 7 weeks mixed	$\frac{1}{4}$ oz. 2.75	9.50	.....
Giant Imperial mixed	$\frac{1}{4}$ oz. 3.00	10.00	.....
STOKESIA			
cyanea blue	$\frac{1}{2}$ oz. 1.25	2.00	20.00
STRAWBERRY			
Baron Solemacher red	$\frac{1}{8}$ oz. 1.25	8.00	.....
STRELITZIA			
reginae <i>Bird-of-Paradise</i>	\$45.00 per M		
SUNFLOWER			
Sungold		1.00	6.00
SWEET PEAS			
Cuthbertson mixed .....		.....	2.50
early Spencer mixed .....		.....	2.10
late Spencer mixed .....		.....	2.25
grandiflora mixed .....		.....	2.15
SWEET WILLIAM			
annual mixed		1.00	9.00
df Alpine mixed			
(Indian Carpet)	$\frac{1}{2}$ oz. 1.75	3.00	30.00
Messenger mixed <i>Early 20" tall</i>		1.20	12.00
dbl mixed		1.00	10.00
dbl df mixed		1.50	15.00
sgl auricula eyed (Holborn Glory)		1.00	8.00
Dunnetti dp crimson		1.00	8.00
Newport Pink (Pink Beauty)		1.00	8.00
nigricans		1.00	8.00
Scarlet Beauty		1.00	8.00
white		1.00	8.00
mixed		1.00	4.25
dwarf mixed	$\frac{1}{2}$ oz. 1.00	1.80	18.00
THALICTRUM			
dipterocarpum lilac		1.20	12.00
THERMOPSIS			
caroliniana		1.40	14.00

		Oz.	Lb.
THUNBERGIA			
alata Black Eyed Susan	½ oz. 1.50	2.50	25.00
TORENIA			
Fournieri blue	¼ oz. 1.25	3.50	35.00
white	¼ oz. 1.25	3.50	35.00
TRITOMA			
Pfizer's early hybrids	½ oz. 1.00	1.80	18.00
Uvaria lg fl fiery red with yellow		1.40	14.00
TROLLIUS			
europaeus	½ oz. 1.75	3.00	30.00
Ledebouri	½ oz. 2.00	3.80	38.00
Golden Queen	½ oz. 2.25	4.00	40.00
VALERIANA			
rubra		1.50	15.00
VERBENA			
hybrida lg fl mixed	½ oz. 1.00	1.80	18.00
ely df upright			
Rainbow mixed	½ oz. 1.75	3.00	30.00
df comp Sparkle			
Delight pink	½ oz. 1.75	3.00	30.00
scarlet red white eye	½ oz. 1.75	3.00	30.00
Crystal white	½ oz. 1.75	3.00	30.00
mixed	½ oz. 1.75	3.00	30.00
VERONICA			
repens white blush lavender	¼ oz. 2.35	7.00	.....
spicata blue		1.50	15.00
VINCA			
rosea			
Delicata (Twinkles) soft			
pink red eye		1.00	10.00
Kermesina dp rose		1.00	10.00
rose		1.00	10.00
white		1.00	10.00
white pink eye		1.00	10.00
mixed		1.00	10.00
New Dwarf Little Pinkie	½ oz. 1.50	2.50	25.00
Little Bright Eye	¼ oz. 2.00	6.00	60.00
VIOLA—See also Pansy			
cornuta imported types			
Admiration lg fl rich			
violet	½ oz. 1.75	3.00	30.00
Arkwright Ruby lg fl	½ oz. 1.75	3.00	30.00
Blue Perfection lg fl	½ oz. 1.75	3.00	30.00
Chantreyland small fl			
apricot	½ oz. 1.75	3.00	30.00
Jersey Gem lg fl			
blue comp	¼ oz. 1.70	5.00	50.00
King Henry small fl			
dark violet	½ oz. 1.75	3.00	30.00
Lord Nelson lg fl violet			
blue	½ oz. 1.75	3.00	30.00
Lutea splendens small fl	½ oz. 1.75	3.00	30.00
Miss Helen Mount			
(Johnny-Jump-up)	¼ oz. 1.75	5.00	50.00
White Perfection lg fl	½ oz. 1.75	3.00	30.00
small fl mixed	½ oz. 1.75	3.00	30.00
cornuta American Grown lg fl types			
Gt fl Arkwright Ruby	¼ oz. 1.70	5.00	50.00
Blue Butterfly	¼ oz. 1.70	5.00	50.00
Blue Perfection	¼ oz. 1.70	5.00	50.00
Chantreyland	¼ oz. 1.70	5.00	50.00
Lutea splendens	¼ oz. 1.70	5.00	50.00
White Perfection	¼ oz. 1.70	5.00	50.00
mixed	¼ oz. 1.70	5.00	50.00

WISTERIA	Oz.	Lb.
floribunda alba White		
Japanese Wisteria	1/4 lb. 1.70	4.25
macrobotrys Longcluster		
J W	1/4 lb. 1.85	4.60
frutescens American W	1/4 lb. 1.55	3.90
sinensis Chinese W	1/4 lb. 1.00	2.65
alba C W	1/4 lb. 1.50	3.75

YUCCA	Oz.	Lb.
brevifolia Joshua Tree	1.60	16.00
elata	1.40	14.00
glauca	1/2 oz. 1.25	2.00 20.00

ZINNIA	Oz.	Lb.
Gt Cactus		
Blaze	1.20	12.00
Cherry Time	2.00	20.00
Eskimo white	1.20	12.00
Floradale scarlet	1.20	12.00
Lilac Time	2.00	20.00
Pride orange & scarlet	2.00	20.00
Riverside Beauty pink	1.20	12.00
Snow Time	2.00	20.00
Sunny Boy dp yellow	1.20	12.00
mixed	1.00	10.00

New Types

Fire Cracker 1963 AAS		
Winner Originators seed ..1/16 oz.	1.15	oz. 15.00
Old Mexico AAS winner		
Originators' seed	1/4 oz. 1.70	oz. 6.00
Red Man AAS Winner		
Originators seed	1/4 oz. 1.70	oz. 6.00
F-1 Trail Blazer	1/8 oz. 1.50	oz. 9.00
Thumbelina 1962 Gold Medal winner		
originators seed	1/8 oz. 1.75	oz. 10.00

Mammoth fl (Calif & Dahlia fl types)

	Oz.	Lb.
Canary Bird yellow	1.00	6.50
Golden Dawn golden yellow	1.00	6.50
Illumination dp rose	1.00	6.50
Lavender Queen	1.00	6.50
Miss Wilmott soft pink	1.00	6.50
Orange King	1.00	6.50
Pink Lady	1.20	12.00
Purity white	1.00	6.50
Royal Purple	1.00	6.50
Salmon Queen	1.00	6.50
Scarlet Flame	1.00	6.50
California Gts mixed	1.00	6.50
Dahlia fl Gts mixed	1.00	6.50

Peppermint Stick	1.20	12.00
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Persian Carpet	1.80	18.00
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Lilliput or Pompon

canary yellow	1.00	6.50
golden orange	1.00	6.50
lilac	1.00	6.50
rose pink	1.00	6.50
scarlet	1.00	6.50
white	1.00	6.50
mixed	1.00	6.50

ANNUALS CUT FLOWER MIXED	1.75	
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Vegetable Seeds

ASPARAGUS		$\frac{1}{4}$ lb.	Lb.
Mary Washington		1.00	1.75
BEET			
Detroit Dark Red			1.20
Early Wonder green top			1.20
Lutz Green Leaf winter keeper			1.20
BROCCOLI			
Calabrese regular strain		1.00	3.00
BRUSSELS SPROUTS			
Long Island Improved		1.50	4.50
CABBAGE			
Copenhagen Market		1.20	3.50
Danish Ballhead		1.20	3.50
Early Round Dutch		1.20	3.50
Jersey Wakefield		1.20	3.50
Premium Late Flat Dutch		1.20	3.50
Red Acre		1.20	3.50
CARROT			
Chantenay red core			1.50
Gold-Pak			1.50
CAULIFLOWER		Oz.	$\frac{1}{4}$ lb.
Autumn Giant		1.20	3.50
Snowball Early		1.25	3.75
Snowball X		1.25	3.75
Snowdrift		1.25	3.75
CELERY		$\frac{1}{4}$ lb.	Lb.
Giant Pascal		3.00	9.00
Golden self-blanching		3.00	9.00
CRESS			
Water Cress, true		2.10	6.50
CUCUMBER			
Chinese Long or Mandarin			2.00
Marketer, slicing			2.00
EGG PLANT			
Black Beauty		2.00	6.00
Florida High Bush		2.00	6.00
ENDIVE			
Batavian full heart		1.00	1.75
HERBS		oz.	$\frac{1}{4}$ lb. lb.
Anise			1.00 3.00
Balm	1.00	3.00	9.00
Basil Lettuce leaf long standing		1.00	3.00
Basil fine leaf		1.00	3.00
Borage		1.00	3.00
Caraway			1.00
Catnip	1.00	3.00	9.00
Chervil		1.00	3.00
Chives	1.00	2.50	7.50
Coriander			1.00
Cumin		1.00	3.00
Dill			1.00
Fennel Florence		1.00	3.00
Fennel Sweet		1.00	3.00
Horehound	1.00	3.00	9.00
Hyssop	1.00	3.00	9.00

HERBS—Continued

	oz.	¼ lb.	lb.
Lavender officinalis true or English Lavender	1.00	3.00	9.00
Marjoram Sweet	1.00	2.20	6.50
Oregano	1.00	3.00	9.00
Roquette		1.00	3.00
Rosemary	1.20	3.60	10.00
Sage		1.00	3.00
Savory Summer		2.00	6.00
Sorrell narrow lf		2.00	6.00
Thyme	1.35	4.00	12.00
Wormwood	1.00	2.00	6.00

LETTUCE

Big Boston	1.00	2.50	
B. S. Simpson	1.00	2.50	
Cos Dark Green Romaine	1.00	2.50	
Grand Rapids (Forcing)	1.00	2.50	
Great Lakes	1.75	5.00	
Salad Bowl	1.75	5.00	

ONION

Crystal Wax	1.00	3.00	
Evergreen long Bunching	1.20	3.50	
Yellow Granex F-1 Hybrid	2.70	8.00	

PARSLEY

Moss curled	1.00	2.25	
Plain	1.00	2.25	

PEPPER

California Wonder	1.70	5.00	
Corno diToro Yellow Frying	2.00	6.00	
Hungarian Wax Hot	2.00	6.00	
Hungarian Wax Sweet	2.00	6.00	
Long Red Cayenne	1.75	5.25	
Pimiento Perfection	2.00	6.00	
Red Cherry Hot	2.20	6.50	
Ruby King	1.70	5.00	
Sunnybrook	1.70	5.00	
World Beater	1.70	5.00	
Yolo Wonder	1.70	5.00	

RHUBARB

Victoria	1.00	2.00	
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TOMATO

Beefsteak	2.00	6.00	
Bonny Best	1.60	4.75	
Earliana	2.00	6.00	
Golden Sunray	2.00	6.00	
Homestead #24	2.00	6.00	
Improved Stone	1.70	5.00	
Manalucie	2.35	7.00	
Marglobe	2.00	6.00	
Oxheart	3.00	9.00	
Ponderosa	2.35	7.00	
Roma	2.35	7.00	
Rutgers	1.95	5.75	
San Marzano	2.20	6.50	

TOMATO F-1 HYBRID

	¼ oz.	oz.	¼ lb.
BIG BOY Originator's Seed	6.00	20.00	70.00
Keystate	3.00	9.00	27.00
Ponderosa No. 4 Pink	3.00	7.00	27.00

WATERMELON

	¼ lb.	Lb.
New Hampshire Midget	1.00	3.00
Sugar Baby	1.00	3.00

Straight Grasses

(for lawn seed mixtures see back page)

F.O.B. New York. Net cash. Gross for net weight, packing included. Prices subject to change without notice.

	10 lbs.	25 lbs.	100 lbs.
Kentucky Blue			
Purity 90%	5.00	10.75	38.00
Purity 98%	5.60	12.25	44.00
Merion Kentucky Blue			
Purity 92%	8.70	20.00	75.00
Purity 95%	8.90	20.50	77.00
Newport Kentucky Blue			
Cert. Blue Tag	6.20	13.75	50.00
Astoria Bent			
Cert. Blue Tag	17.70	42.50	165.00
Colonial Bent	17.20	41.25	160.00
Highland Bent			
Cert. Blue Tag	5.50	12.00	43.00
Seaside Bent			
Cert. Blue Tag	21.20	51.25	200.00
Chewings Fescue	4.00	8.25	28.00
Creeping Red Fescue	3.70	7.50	25.00
Illahee Fescue			
Cert. Blue Tag	4.40	9.25	32.00
Pennlawn Fescue			
Cert. Blue Tag	5.00	10.75	38.00
Red Top			
Purity 92%	5.30	11.50	41.00
Purity 98%	5.50	12.00	43.00
Poa Nemoralis	5.90	13.00	47.00
Poa Trivialis	4.90	10.50	37.00
Annual Rye	2.35	4.15	11.50
Perennial Rye	2.50	4.50	13.00
Ky. 31 Fescue	5.00	10.75	38.00
Timothy	3.70	7.50	25.00
White Clover	9.00	20.75	78.00
Wild White Clover	11.70	27.50	105.00
Bermuda Grass, hulled	7.40	16.75	62.00
Lespedeza Sericea, hulled	3.50	7.00	23.00
Lespedeza Bicolor	13.20	31.25	120.00
Zoysia Japonica	see page 48 for prices		

Other Grasses and Clovers on request

Lawn Seed Mixtures

F.O.B. New York. Net cash. Net weight, packing included. Prices subject to change without notice.

	50 lbs.	100 lbs.
SUNNY BEST MIXTURE	\$35.00	\$64.00
LANDSCAPE GARDENERS'		
Mixture	22.50	39.00
CEMETERY MIXTURE	25.00	44.00
SHADY BEST MIXTURE	26.50	47.00
ATHLETIC FIELD MIXTURE	23.50	41.00
FAIRWAYS MIXTURES		
Ky. Bluegrass Formula	26.00	46.00
Merion Blue Formula	36.50	67.00
PUTTING GREEN MIXTURE	85.50	165.00
TEES & PLAYGROUNDS		
MIXTURE	22.50	39.00
TERRACE MIXTURE	32.50	59.00
PARKS MIXTURE	17.50	29.00

MERION - ZOYSIA MIXTURE

Ideal for summer lawns

Contains 35% Merion Kentucky Blue Grass
and 25% Zoysia Japonica

25lbs.—\$31.00 50 lbs.—\$59.00

100 lbs.—\$112.00

5 lb. trial bag (covers 2500 sq. ft.)—

\$8.00 postpaid U.S.A.

Send for descriptive leaflet

ZOYSIA JAPONICA SEED

(Japanese Lawngrass)

Grows best in hot weather when other grasses are dormant. Drought resistant. Crowds out weeds Prevents Crabgrass infestation. Immune to Chinch bugs. Requires little mowing and fertilizing.

Send for descriptive leaflet.

10 lbs.—\$30.00 25 lbs.—\$71.25

100 lbs.—\$250.00

1 lb. trial bag (covers 500 sq. ft.)

\$6.00 postpaid U.S.A.

This is pure seed — not a Mixture.



Send for special lawn seed price list which lists the contents of all our mixtures and prices for quantity lots.